Division of Air Quality
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West Virginia Department of Environmental Protection

Bob Wise Governor		Michael O. Callaghan Secretary

WEST VIRGINIA
TITLE V
PERMIT TO OPERATE

THIS PERMIT IS ISSUED IN ACCORDANCE WITH THE WEST VIRGINIA AIR POLLUTION CONTROL ACT (W.VA. CODE §§ 22-5-1 ET SEQ.) AND 45 C.S.R. 30 - "REQUIREMENTS FOR OPERATING PERMITS." THE PERMITTEE IDENTIFIED AT THE FACILITY BELOW IS AUTHORIZED TO OPERATE THE STATIONARY SOURCES OF AIR POLLUTANTS IDENTIFIED HEREIN IN ACCORDANCE WITH ALL TERMS AND CONDITIONS OF THIS PERMIT.

PERMITTEE: ~~U. S. Steel~~ Pinnacle Mining Company, LLC
FACILITY/LOCATION: Pinnacle Preparation Plant
PERMIT NUMBER: R30-10900006-1996

STEPHANIE. R. TIMMERMEYER
DIRECTOR, DIVISION OF AIR QUALITY

April 22, 2002
DATE ISSUED

April 22, 2007
EXPIRATION DATE

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the secretary may appeal such action of the secretary to the air quality board pursuant to article one [§§ 22B-1-1 et seq.], chapter twenty-two-b of the Code of West Virginia. W. Va. Code §22-5-14.

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SECTION I. FACILITY INFORMATION

A. PERMIT DATES

Date of Issue: April 22, 2002
Effective Date: May6, 2002
Expiration Date: April 22, 2007
Renewal Application Due: October 22, 2007

B. FACILITY CONTACT INFORMATION

Responsible Official:	B. J. O'Bryan ~~L. P. O'Brien~~
Telephone Number:	(304) 732-5215 ~~5286~~
Fax Number:	(304) 732-5208
Environmental Contact:	J. L. Music ~~L. P. O'Brien~~
Telephone Number:	(304) 732-5202 ~~5286~~
Fax Number:	(304) 732-5208

C. FACILITY INFORMATION

Name of Permittee:	~~U. S. Steel~~ Pinnacle Mining Company, LLC
Mailing Address:	Post Office Box 338, Pineville, WV 24874
Name of Facility:	Pinnacle Preparation Plant
Mailing Address:	Post Office Box 338, Pineville, WV 24874
Telephone Number:	(304) 732-5215 ~~5286~~
Type of Business Entity:	Limited Liability Corporation
Facility Description:	Coal Preparation Plant
Nearest City or Town:	Pineville
County:	Wyoming
UTM Coordinates:	ZONE: 17 EASTING: 456.10 km NORTHING: 4155.40 km
Directions:	At Pineville take Route 10 South approximate one mile, turn right onto Route 16 South, travel approximate one mile before turning left onto Pinnacle Creek Road.

D. SIC CODES

Primary:	1222
Secondary:	N/A
Tertiary:	N/A

SECTION II. GENERAL CONDITIONS

This Section describes the general conditions applicable to all emission units at a Title V source. Conditions and requirements specific to this source are contained in Section III of the permit.

A. BACKGROUND

1. All references to the "West Virginia Air Pollution Control Act" or the "Air Pollution Control Act" mean those provisions contained in W.Va. Code §§ 22-5-1 to 22-5-18.

2. The Clean Air Act means those provisions contained in 42 U.S.C. §§ 7401 to 7671q, and regulations promulgated thereunder.

3. "C.S.R." or "CSR" means the West Virginia Code of State Rules.

4. In some instances, provisions of 45 C.S.R. 30 have been paraphrased for clarity in specific application to this permit. However, any such paraphrasing is in no way intended to modify the meaning of any provision of 45 C.S.R. 30 or any other rule.

5. All citations to 45 C.S.R. 30 refer to the version of the rule which became effective on July 1, 2001.

6. The General Conditions in Section II of this permit may be modified by written administrative notice by the Secretary to the permittee to conform to amendments to 45 C.S.R. 30 approved by USEPA which may become effective during the term of this permit and which affect any of those General Conditions.

7. "Director" means the director of the division of environmental protection or such other person to whom the director has delegated authority or duties pursuant to W.Va. Code §§22-1-6 or 22-1-8 (C.S.R. § 45-30-2.12.), and shall have like meaning as the Secretary of the Department of Environmental Protection. The Director of the Division of Air Quality is the Secretary's designated representative for the purposes of this permit.

8. The permittee is not relieved of the requirements for obtaining a permit under 45 C.S.R. 13, 45 C.S.R. 14 and/or 45 C.S.R. 19 after the issuance of an operating permit under 45 C.S.R. 30. C.S.R. § 45-30-6.1.f.

9. The Secretary's authority to require standards under 40 C.F.R. 60 (NSPS), 40 C.F.R. 61 (NESHAPS), and 40 C.F.R. 63 (NESHAPS MACT) is provided in West Virginia Code §§ 22-5-1 et seq., 45 C.S.R. 16, 45 C.S.R. 15, 45 C.S.R. 34 and 45 C.S.R. 30.

10. Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be

construed to waive any defenses otherwise available to the permittee including but not limited to any challenge to the credible evidence rule in the context of any future proceeding. C.S.R. § 45-30-5.3.e.3.B.

11. This permit does not convey permission to treat, store, or dispose of any materials determined to be hazardous wastes as per 45 C.S.R. 25. Additionally, it does not relieve the permittee herein of the responsibility to apply for and obtain all other required permits, licenses, and/or approvals from the Division of Air Quality as well as other local, state, and federal agencies which may have jurisdiction over the construction and/or operation of the source(s) and/or facility herein permitted. WV Code §§ 22-5-1 et seq.

12. Issuance of a Title V permit does not supersede or invalidate any existing permits under 45 C.S.R. 13, 45 C.S.R. 14, or 45 C.S.R. 19, although all applicable requirements from such permits governing the facility's operation and compliance have been incorporated into the Title V permit.

13. The term "Affected Facility" used in this permit means any of the following (NSPS or non-NSPS) :

(1) Thermal Dryer
(2) Coal Processing and conveying equipments (including breakers and crushers)
(3) Coal Storage Systems.
(4) Coal Transfer and Loading Systems.

B. REQUIREMENT FOR PERMIT C.S.R. § 45-30-3.1.

The following sources are subject to permitting requirements of 45 C.S.R. 30:

1. Any major source as defined by C.S.R. § 45-30-2.26.;

2. Any source, including an area source, subject to a standard or other requirements under § 111 of the Clean Air Act;

3. Any source, including an area source, subject to a standard or other requirements under § 112 of the Clean Air Act, except that a source is not required to obtain a permit solely because it is subject to regulations or requirements under § 112(r) of the Clean Air Act; and

4. Any affected source as defined by C.S.R. § 45-30-2.2. (Title IV Acid Rain)

C. PERMIT ISSUANCE C.S.R. § 45-30-6.1.a.

A permit, permit modification, or renewal may be issued only if all of the following conditions have been met:

1. The Secretary has received a complete application for a permit, permit modification, or permit renewal;

2. Except for modifications qualifying for minor permit modification procedures under C.S.R. § 45-30-6.5.a., the Secretary has complied with the public participation procedures for permit issuance in accordance with C.S.R. § 45-30-6.8.;

3. The Secretary has complied with the requirements for notifying and responding to affected States in accordance with C.S.R. § 45-30-7.2.;

4. The conditions of the permit provide for compliance with all applicable requirements and the requirements of 45 C.S.R. 30; and

5. When appropriate, the Secretary will provide a copy of the permit and any notices required under C.S.R. §§ 45-30-7.1. and 7.2. to the USEPA, and USEPA has not timely objected to issuance of the permit under C.S.R. § 45-30-7.3.

D. PERMIT EXPIRATION AND RENEWAL C.S.R. §§ 45-30-6.3.and 4.1.a.3.

This permit expires at midnight on the expiration date, which is noted above and is five (5) years after the date of issuance, unless a timely and complete renewal application has been submitted in accordance with C.S.R. §§ 45-30-6.2. and 4.1.a.3. Expiration of this permit terminates the permittee's right to operate. A timely application is one that is submitted at least six (6) months prior to the expiration of this permit. If the permittee submits a timely and complete application, the failure to have a Title V Operating Permit is not a violation of 45 C.S.R. 30 until the Secretary takes final action on the permit application. This protection shall cease to apply if, subsequent to the completeness determination performed by the Director, the permittee fails to submit by the deadline specified in writing by the Secretary any additional information identified as being required to process the application.

E. CERTIFIED EMISSIONS STATEMENT AND FEES C.S.R. § 45-30-8.

The permittee shall submit a certified emission statement and pay fees on an annual basis in accordance with the submittal requirements of the Division of Air Quality. A receipt for the appropriate fee shall be maintained on the premises for which the receipt has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

F. CHANGES REQUIRING PERMIT REVISION

1. **General**. C.S.R. § 45-30-5.1.f.3.

This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation, and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

2. **Permit Reopening**. C.S.R. § 45-30-6.6.a.

This permit shall be reopened and revised under any of the following circumstances:

a. Additional applicable requirements under the Clean Air Act or legislative rules adopted pursuant to West Virginia Code §§ 22-5-1, et seq. become applicable to a major source with a remaining permit term of three (3) or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to C.S.R. § 45-30-6.6.a.1.A. or B.;

b. Additional requirements become applicable to an affected source under Title IV of the Clean Air Act or other legislative rules adopted pursuant to West Virginia Code §§ 22-5-1, et seq.;

c. The Secretary or Administrator of USEPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emission standards or other terms or conditions of the permit;

d. The Secretary or Administrator of USEPA determines that the permit must be revised or revoked and reissued to assure compliance with the applicable requirements.

3. **Administrative Permit Amendments**. C.S.R. § 45-30-6.4.

Changes qualifying for administrative amendment procedure under C.S.R. § 45-30-6.4.a., may be made to this permit in accordance with the procedure enumerated in C.S.R. § 45-30-6.4.b. as follows:

a. The Secretary shall take no more than sixty (60) days from receipt of a request for an administrative permit amendment to take final action on such request, and may incorporate such changes without providing notice to the public or affected states provided that the Secretary designates any such permit revisions as having been made pursuant to this section.

b. The Secretary shall submit a copy of the revised permit to the USEPA.

c. The source may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request.

4. **Permit Transfers**. C.S.R. § 45-30-6.4.a.4.

A change in ownership or operational control of the permitted source may utilize the procedures for administrative permit amendments if the following requirements are met:

a. The Secretary determines no other changes in the permit are required.

b. A written agreement containing the following information is submitted to the Secretary:

i. The specific date for transfer of permit responsibility;

ii. Coverage; and

iii. Liability between the current and the new permittee.

c. The permittee shall transfer any existing permits under 45 C.S.R. 13, 45 C.S.R. 14, and 45 C.S.R. 19 simultaneously in accordance with the requirements under the applicable rule.

5. **Minor Permit Modifications**. C.S.R. § 45-30-6.5.a.

Changes meeting the criteria enumerated in C.S.R. § 45-30-6.5.a.1., may be effected through the minor permit modification procedure. Pursuant to the procedure, the permittee must file an application for the change meeting the requirements of C.S.R. § 45-30-4.3., including those items enumerated in C.S.R. § 45-30-6.5.a.2.

6. **Significant Permit Modifications**. C.S.R. § 45-30-6.5.b.

Changes at the facility that require a permit revision, and which either do not qualify for or are not otherwise processed as minor permit modifications or as administrative permit amendments shall meet all of the requirements of C.S.R. § 45-30-6., including the requirements for applications, public participation, review by affected states and review by USEPA as they apply to permit issuance and permit renewal. The Secretary shall complete the review process for significant permit modifications within six (6) months after receipt of a complete application.

G. CHANGES NOT REQUIRING PERMIT REVISION

1. **Emissions Trading**. C.S.R. § 45-30-5.1.h.

No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit and that are in accordance with all applicable requirements.

2. **Off-Permit Changes**. C.S.R. § 45-30-5.9.

In addition to all insignificant emission units or activities which may be operated at this facility, the permittee is authorized to make changes in its operations or emissions that are not addressed nor prohibited in its permit and which are not considered to be construction, reconstruction nor modification under any rule promulgated by the Secretary within its facility without requiring a permit revision if:

a. The change meets all applicable requirements and does not violate any existing permit term or condition;

b. For changes in operation that result in, or have the potential to result in an increase in any regulated air pollutant, the permittee provides a written notice of the change to the Secretary and to USEPA within two (2) business days following the date of the change which includes:

i. A description of the change;

ii. The date on which the change will occur or has occurred;

iii. Any change in emissions;

iv. The pollutants emitted; and

v. Any applicable requirement that would apply as a result of the change.

c. The permittee keeps records describing all changes that result in emissions of regulated air pollutants, but not otherwise regulated under this permit, and the emissions resulting from those changes;

d. The change is not subject to any requirement under Title IV of the Clean Air Act (Acid Deposition Control);

e. The change does not require preconstruction review under any provision of Title I of the Clean Air Act, (including 45 C.S.R. 14 and 45 C.S.R. 19);

f. The off-permit change shall not qualify for a permit shield.

3. **Operational Flexibility**. C.S.R. § 45-30-5.8., C.S.R. § 45-30-2.39.

The permittee is authorized to make changes which qualify as Section 502(b)10 changes, and which are not modifications under any rule or provision of Title I of the Clean Air Act, and which do not result in a level of emissions exceeding the emissions allowable under the permit without a permit revision. Before making a change under this provision, the permittee shall provide advance notice to the Secretary and to USEPA, describing the change to be made, the date on which the change will occur, any changes in emissions, and any permit terms and conditions that are affected. The permittee shall thereafter attach a copy of the notice to this permit, and the Secretary shall place a copy in the public file. The written notice shall be provided to the Secretary and USEPA at least seven (7) days prior to the date that the change is to be made, except that this period may be shortened or eliminated as necessary for a change that must be implemented more quickly to address unanticipated conditions posing a significant health, safety, or environmental hazard. If less than seven (7) days notice is provided because of a need to respond more quickly to such unanticipated conditions, the permittee shall provide notice to the Secretary and USEPA as soon as possible after learning of the need to make the change. The permit shield provided under C.S.R. § 45-30-5.6. shall not apply to changes made to effect operational flexibility under C.S.R. § 45-30-5.8. C.S.R. § 45-30-5.8.a.

4. **Reasonably Anticipated Operating Scenarios**. C.S.R. § 45-30-5.1.i.

If the permittee has been granted the authority to make a change from one operating scenario to another, the terms and conditions of such reasonably anticipated operating scenarios appear in the Specific Requirements of this permit, and such terms and conditions meet all applicable requirements, the permittee may make those changes absent permit revision in accordance with those Specific Requirements, provided that:

a. The source shall, contemporaneously with making a change from one operating scenario to another record in a log at the permitted facility a record of the scenario under which it is operating and to document the change in reports submitted pursuant to the terms of the permit or otherwise required by 45 C.S.R. 30.

b. In accordance with Section II.K. of this permit, the permit shield described in C.S.R. § 45-30-5.6. may extend to all terms and conditions under each such reasonable anticipated operating scenario set forth in the Specific Requirements of this permit.

H. PUBLIC PARTICIPATION

Except for permit revisions qualifying as administrative permit amendments or minor permit modification procedures, all permit proceedings, including initial permit issuance, significant modifications, permit reopenings and renewals, shall be subject to public participation requirements of C.S.R. §§ 45-30-6.8.a. through e.

I. COMPLIANCE AND ENFORCEMENT

1. **Duty to Comply**. C.S.R. § 45-30-5.1.f.1.

   The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the West Virginia Code and the Clean Air Act and is grounds for enforcement action by the Secretary or USEPA; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

2. **Inspection and Entry**. C.S.R. § 45-30-5.3.b.

   The permittee shall allow any authorized representative of the Secretary, upon the presentation of credentials and other documents as may be required by law, to perform the following:

   a. At all reasonable times (including all times in which the facility is in operation) enter upon the permittee's premises where a source is located or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

   b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

   c. Inspect at reasonable times (including all times in which the facility is in operation) any facilities, equipment (including monitoring and air pollution Control equipment), practices, or operations regulated or required under the permit;

   d. Sample or monitor at reasonable times substances or parameters to determine compliance with the permit or applicable requirements or ascertain the amounts and types of air pollutants discharged.

3. **Certification of Compliance**. C.S.R. § 45-30-5.3.

   The permittee shall certify compliance with the conditions of this permit on the forms provided by the DAQ. In addition to the annual compliance certification, the permittee may be required to submit certifications more frequently under an applicable requirement enumerated in the Specific Requirements Section of this

permit. The annual certification shall be submitted to the DAQ and USEPA on or before March 15 of each year, and shall certify compliance for the period ending December 31.

4. **Schedule of Compliance**. C.S.R. § 45-30-5.3.c.

a. For all applicable requirements with which the source is in compliance, the permittee shall continue to comply with such requirements. C.S.R. § 45-30-4.3.h.1.A.

b. For applicable requirements that will become effective during the permit term, the permittee will meet those requirements on a timely basis, unless a more detailed schedule is expressly required by the applicable requirement. C.S.R. § 45-30-4.3.h.1.B.

c. For sources that are not in compliance with all applicable requirements at the time of permit issuance, the permittee must meet the requirements of the compliance schedule enumerated in the Specific Requirements Section of this permit and which incorporates all of the elements of C.S.R. § 45-30-4.3.h.1.C. For sources subject to such a compliance schedule, certified progress reports shall be submitted according to the schedule set forth in the Specific Requirements Section of this permit, but at least every six (6) months, and no greater than once a month, and shall include the following:

i. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

ii. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventative or corrective measure adopted.

5. **Need to Halt or Reduce Activity not a Defense**. C.S.R. § 45-30-5.1.f.2.

It shall not be a defense for a permittee in an enforcement action that it should have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. However, nothing in this paragraph shall be construed as precluding consideration of a need to halt or reduce activity as a mitigating factor in determining penalties for noncompliance if the health, safety, or environmental impacts of halting or reducing operations would be more serious than the impacts of continued operations.

6. **Federally-Enforceable Requirements**. C.S.R. § 45-30-5.2.a.

All terms and conditions in this permit, including any provisions designed to limit a source's potential to emit and excepting those provisions that are specifically designated in the permit as "State-enforceable only", are enforceable by the Secretary,

USEPA, and citizens under the Clean Air Act.

7. **Duty to Provide Representative Information**. C.S.R. § 45-30-5.1.c.1.B.

Information compiled or utilized to determine compliance with emissions limitations and standards set forth in this permit shall fully comply with the testing, monitoring, recordkeeping and reporting provisions of this permit and shall be obtained under such conditions and at such times as necessary to assure that compliance is established for all periods of source operation represented by such testing, monitoring or recordkeeping and is based upon relevant averaging periods for each emissions limitation and standard.

J. SUBMISSION OF INFORMATION

1. **Certification**. C.S.R. § 45-30-4.4.

Any application form, report, or compliance certification required by this permit to be submitted to the DAQ and/or USEPA shall contain a certification by the responsible official that states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

2. **Duty to Provide Information**. C.S.R. § 45-30-5.1.f.5.

The permittee shall furnish to the Secretary within a reasonable time any information the Secretary may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Secretary copies of records required to be kept by the permittee. For information claimed to be confidential, the permittee shall furnish such records to the Secretary along with a claim of confidentiality in accordance with 45 C.S.R. 31. If confidential information is to be sent to USEPA, the permittee shall directly provide such information to USEPA along with a claim of confidentiality in accordance with 40 C.F.R. 2.

3. **Duty to Supplement and Correct Information**. C.S.R. § 45-30-4.2.

Upon becoming aware of a failure to submit any relevant facts or a submittal of incorrect information in any permit application, the permittee shall promptly submit to the Director of DAQ such supplemental facts or corrected information.

4. **Recordkeeping**. C.S.R. § 45-30-5.1.c.2.A.

a. In addition to the applicable recordkeeping requirements enumerated in the Specific Requirements Section of this permit, the permittee shall keep records of monitoring information that include the following:

i. The date, the specific units or equipment IDs subject to monitoring requirements under the Specific Requirements Section of this permit, and time of sampling or measurements;

ii. The date(s) analyses were performed;

iii. The company or entity that performed the analyses;

iv. The analytical techniques or methods used;

v. The results of the analyses; and

vi. The operating conditions existing at the time of sampling or measurement.

b. The permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. Where appropriate, records may be maintained in computerized form in lieu of the above records. C.S.R. § 45-30-5.1.c.2.B.

5. **Reporting**. C.S.R. § 45-30-5.1.c.3.

a. In addition to the applicable reporting requirements enumerated in the Specific Requirements Section of this permit, the permittee shall submit reports of any required monitoring at least every six (6) months, but no more often than once per month. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by a responsible official consistent with C.S.R. § 45-30-4.4. and submitted to the DAQ no later than fifteen (15) days following the close of that reporting period.

b. With the submission of the annual compliance certification, the permittee shall report all deviations from permit requirements. These reports shall include those attributable to upset conditions as defined in the Specific Requirements Section of this permit, the probable cause of such deviations, and any corrective actions or preventative measures taken in accordance with any rules of the Secretary.

[NOTE: For reporting emergenc***y*** situations refer to Section II.M.3. of this permit.]

c. In addition to monitoring reports required by the permit, the permittee shall promptly submit supplemental reports and notices in accordance with the following:

i. Any deviation resulting from an emergency or upset condition, as defined in C.S.R. § 45-30-5.7., shall be reported by telephone or telefax within one (1) working day of the date on which the permittee becomes aware of the deviation, if the permittee desires to assert the affirmative defense in accordance with C.S.R. § 45-30-5.7. A written report of such deviation, which shall include the probable cause of such deviations, and any corrective actions or preventative measures taken, shall be submitted and certified by a responsible official within ten (10) days of the deviation. C.S.R. § 45-30-5.1.c.3.C.1.

[NOTE: For additional information regarding emergencies refer to Section II.M. of this permit.]

ii. Any deviation that poses an imminent and substantial danger to public health, safety, or the environment shall be reported to the Secretary immediately by telephone or telefax. A written report of such deviation, which shall include the probable cause of such deviation, and any corrective actions or preventative measures taken, shall be submitted by the responsible official within ten (10) days of the deviation. C.S.R. § 45-30-5.1.c.3.C.2.

iii. Deviations for which more frequent reporting is required under the Specific Requirements Section of this permit shall be reported on the more frequent basis. C.S.R. § 45-30-5.1.c.3.C.3.

iv. All reports of deviations shall identify the probable cause of the deviation and any corrective actions or preventative measures taken. C.S.R. § 45-30-5.1.c.3.C.4.

d. A permittee may request confidential treatment for the submission of reporting required under C.S.R. § 45-30-5.1.c.3. pursuant to the limitations and procedures of W.Va. Code § 22-5-10 and 45 C.S.R. 31.

6. **Notice**. All notices, requests, demands, submissions and other communications required or permitted to be made to the Director of DAQ and/or USEPA shall be made in writing and shall be deemed to have been duly given when delivered by hand, or mailed first class with postage prepaid to the address(es) set forth below or to such other person or address as the Director of the Division of Air Quality may designate:

If to the DAQ:
Director
WV Department of Environmental Protection
Division of Air Quality
601 57th Street ~~7012 MacCorkle Avenue, SE~~
Charleston, West Virginia 25304~~-2943~~
~~Telephone: (304) 926-3727~~
~~Telefax: (304) 926-3739~~

Telephone: (304) 926-0475
Telefax: (304) 926-0478

If to the USEPA:
Associate Director
Office of Enforcement and Permits Review (3AP12~~0~~)
U.S. Environmental Protection Agency, Region III
1650 Arch Street
Philadelphia, P.A. 19103-2029

K. PERMIT SHIELD C.S.R. § 45-30-5.6.a.

1. Where granted in the Specific Requirements Section of this permit, the permit shield infers that compliance with the conditions of this permit shall be deemed compliance with the corresponding applicable requirement(s) as of the date of permit issuance.

2. A permit shield must be requested by the permittee.

3. This permit will not grant permit shields for the construction, modification or relocation of any source which was required to obtain a permit under 45 C.S.R. 13, 45 C.S.R. 14, or 45 C.S.R. 19 prior to the issuance of this permit, except to the extent that applicable requirements established pursuant to permits issued under those rules are contained herein.

L. SEVERABILITY C.S.R. § 45-30-5.1.e.

The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstance is held invalid by a court of competent jurisdiction, the remaining permit terms and conditions or their application to other circumstances shall remain in full force and effect.

M. EMERGENCY

1. **Emergency**. C.S.R. § 45-30-5.7.

   a. An "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An Emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

b. In the event that a permittee believes that an emergency condition has caused a technology-based emission limit to be exceeded and wishes to assert the occurrence of an emergency as an affirmative defense, the permittee must demonstrate through completion and certification of relevant evidence that all of the following conditions applied to or during the excess emissions event or period:

i. An emergency occurred and that the permittee can identify the cause(s) of the emergency;

ii. The permitted facility was at the time being properly operated;

iii. During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

iv. The permittee submitted notice of the emergency to the Secretary by telephone or telefax within one (1) working day of the date on which the permittee became aware of the deviation and made a request for variance as applicable rules provide. This notice must contain a detailed description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

c. In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.

d. This provision is in addition to any emergency or upset provision contained in any applicable requirement.

2. For those facilities asserting an affirmative defense in the case of an emergency episode as defined by C.S.R. § 45-30-5.7.a., the permittee shall be required to take all reasonable steps to minimize levels of emissions that exceeded the emissions standards, or other requirements for this permit. The permittee shall submit notice of the emergency to the Secretary by telephone or telefax within one (1) working day of the date on which the permittee becomes aware of the deviation and make a request for variance. The notice must contain a detailed description of the emergency, any steps taken to mitigate emissions, and corrective actions taken. An emergency constitutes an affirmative defense to an action brought for noncompliance with the technology-based emission limitation if the conditions of C.S.R. § 45-30-5.7.c. are met.

3. For those facilities asserting an affirmative defense, a written report of any deviation resulting from an emergency or upset condition, shall include the probable cause of such deviation, and any corrective actions or preventative measures taken, and shall be submitted and certified by a responsible official within ten (10) days of the deviation. C.S.R. § 45-30-5.1.c.3.C.1.

[NOTE: Refer to Section II.J.5.c.i. of this permit for additional information regarding emergencies.]

N. PROPERTY RIGHTS C.S.R. § 45-30-5.1.f.4.

This permit does not convey any property rights of any sort, or any exclusive privilege.

O. ACCIDENTAL RELEASE PREVENTION REQUIREMENTS, §112(r) OF THE CLEAN AIR ACT

~~This stationary source, as defined in 40 CFR part 68.3, is subject to part 68. This stationary source shall submit a risk management plan (RMP) by the date specified in 40 CFR part 68.10. This stationary source shall certify compliance with the requirements of part 68 as part of the annual compliance certification as required by 40 CFR part 70 or 71.~~

~~OR~~

Should this stationary source, as defined in 40 CFR part 68.3, become subject to part 68, then the owner or operator shall submit a risk management plan (RMP) by the date specified in 40 CFR part 68.10 and shall certify compliance with the requirements of part 68 as part of the annual compliance certification as required by 40 CFR part 70 or 71.

P. OZONE DEPLETING SUBSTANCES

For those facilities performing maintenance, service, repair or disposal of appliances, the permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 C.F.R. Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:

1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the prohibitions and required practices pursuant to C.F.R. §§ 40-82.154 and 82.156.

2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to C.F.R. §§ 40-82.158.

3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to C.F.R. §§ 40-82.161.

Q. ADDITIONAL CONDITIONS C.S.R. § 45-30-5.6.c.

Nothing in this permit shall alter or affect the following:

1. The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the USEPA Administrator under that section;

2. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;

3. The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act;

4. The ability of EPA to obtain information from a source pursuant to Section 114 of the Clean Air Act.

5. The applicable requirements of the Code of West Virginia.

SECTION III. SPECIFIC REQUIREMENTS

A. EMISSION POINTS AND POLLUTION CONTROL DEVICES

The following table provides a list of regulated sources of air pollutant emissions authorized to operate by this permit at the subject facility:

Equipment ID Number	Design Capacity	Year Installed / Modified (2)	Description	Method of Control (1)	Associated Transfer Points or Equipment		
					Location: B - Before A - After	ID. No.	Method of Control (1)
Saw Mill Storage Addition							
OS1	631,000 tons	I – 1998 M- 1999 M-2000,2001, 2002	Open Stockpile OS-1 - Receives coal via dump truck. A front-endloader is used to move coal from the Open Stockpile OS-1 to ~~the Dump Hopper DHOS-2. DHOS-2 feeds screening machine OSS-1 which separates it into undersize and oversize classes that are transfered back into Open Stockpile OS-1 and/or via endloader to~~ trucks for hauling to Stockpiles ST-2,ST-11, ST-13, ST-14, ST-15 or Storage Pit ST-10.	N	B A	T65 ~~T90~~ ~~T91~~ ~~T66b~~ T92	MD ~~WS~~ ~~WS~~ ~~MD, PE~~ N ~~MC~~
~~DHOS-2~~	~~8 tons~~	~~I – 1999~~	~~Dump Hopper DHOS-2 - Receives coal via a truck and/or front-endloader from the Raw Coal Open Stockpile OS-1 and transfers it to Raw Coal Conveyor OSC-1. Installed stationary bar screen in 1999.~~	~~PE~~	~~B~~ ~~A~~	~~T66b~~ ~~T86~~	~~MD, PE~~ ~~MD, PE~~
~~OSC-1~~	~~200 TPH~~	~~I – 1999~~	~~Raw Coal Conveyor OSC-1 - Receives coal from Dump Hopper DHOS-2 and transfers it to Screening Machine OSS-1.~~	~~PE~~	~~B~~ ~~A~~	~~T86~~ ~~T87~~	~~PE, WS~~ ~~FE, BH~~
~~OSS-1~~	~~200 TPH~~	~~I – 1999~~	~~Screening Machine OSS-1 - Receives coal from Raw Coal Conveyor OSC-1 and separates it into undersize and oversize classes.~~	~~FE, BH~~	~~B~~ ~~A~~	~~T87~~ ~~T88~~ ~~T89~~	~~FE, BH~~ ~~FE, BH~~ ~~FE, BH~~
~~OSC-2~~	~~120 TPH~~	~~I – 1999~~	~~Raw Coal Conveyor OSC-2 - Receives undersize coal from Screening Machine OSS-1 and transfers it to back to Raw Coal Open Stockpile Area OS-1.~~	~~PE~~	~~B~~ ~~A~~	~~T88~~ ~~T90~~	~~FE, BH~~ ~~WS~~
~~ICE-1~~	~~1 Million BTU/Hr~~	~~I-1999~~	~~Diesel Engine to drive OSS-1,OSC-1,OSC-2,OSC-3 and feeder for Hopper DHOS-2~~	~~N/A~~	~~N/A~~	~~T88A~~	~~N/A~~
~~OSC-3~~	~~80 TPH~~	~~I – 1999~~	~~Raw Coal Conveyor OSC-3 - Receives oversize coal from Screening Machine OSS-1 and transfers it to back to Raw Coal Open Stockpile Area OS-1.~~	~~PE~~	~~B~~ ~~A~~	~~T89~~ ~~T91~~	~~FE, BH~~ ~~WS~~

Equipment ID Number	Design Capacity	Year Installed / Modified (2)	Description	Method of Control (1)	Associated Transfer Points or Equipment		
					Location: B - Before A - After	ID. No.	Method of Control (1)
Rotary Breakers (C11-1 & C11-2) Circuit							
ST-14	54,000 Tons	I - 2001 M-2002	Raw Coal Open Stockpile ST-14 - Receives coal by truck from off site suppliers and transfers it via front-endloader to Dump Hopper DH-3 and/or front endloader to truck.	N	B A	T93 T94 T104	MC PE MC
DH-3	45 Tons	I – 2001	Dump Hopper DH-3 - Receives coal via a front-endloader from Raw Coal Open Stockpile ST-14 and transfers it to Conveyor C10-3.	PE	B A	T94 T95	PE PE
C10-3	1,000 TPH	I – 2001	Conveyor C10-3 - Receives coal from Dump Hopper DH-3 and transfers it to Mine Car Dump MCD-1.	PE	B A	T95 T96	PE FE
MCD-1	40 Tons	I – 2001	Mine Car Dump MCD-1 - Receives coal from Conveyor C10-3 and transfers it to Conveyors C11 - 1 and/or C11-2 via feeders in the bottom of MCD-1.	PE	B A	T96 T72A, T72B	PE FE FE
C11-1	1,000 TPH	I - 1970	Conveyor C11-1 - Receives coal from Mine Car Dump MCD-1, Conveyor S3A and Conveyor C11-4, and transfers it to Rotary Breaker 13-1.	PE	B A	T72A T73 T75 T111	FE PE PE PE
C11-2	1,000 TPH	I - 1970	Conveyor C11-2 - Receives coal from Mine Car Dump MCD-1, Conveyor C11-4, and Conveyor S3A and transfers it to Rotary Breaker 13-2.	PE	B A	T72B T74 T76 T112	FE PE PE PE
C11-4	800 TPH	I -1979	Conveyor C11-4 - Receives coal from the Storage Pit ST-10 and transfers it to Belt Conveyor C11-1 and/or Belt Conveyor C11-2.	PE	B A	T4-9 T73 T74	PE PE PE
Rotary Breaker	1,000 TPH	I – 1970	Rotary Breaker 13-1 - Receives coal from Conveyor C11-1. Transfers refuse to Belt Conveyor 8A. Transfers coal through a feeder to the 60" Raw Coal Belt Conveyor C24.	FE	B A	T75 T9-1 T8-1	PE PE PE
Rotary Breaker	1,000 TPH	I - 1970	Rotary Breaker 13-2 - Receives coal from Conveyor C11-2. Transfers refuse to Belt Conveyor 8A. Transfers coal through a feeder to the 60" Raw Coal Belt Conveyor C24.	FE	B A	T76 T9-1 T8-1	PE PE PE

Equipment ID Number	Design Capacity	Year Installed / Modified (2)	Description	Method of Control (1)	Associated Transfer Points or Equipment		
					Location: B - Before A - After	ID. No.	Method of Control (1)
8A	Continued Under Refuse Circuit						
C24	Continued Under Raw Coal Handling System						
			Raw Coal Handling System				
S10	4000 TPH	I - 1986 M - 1998	Conveyor S10 - Receives coal from No. 50 Mine and transfers it to Scalping Screen SS-1.	PE	B A	----- T50	----- FE
S3A	2,500 TPH	I-1986 M-2002	Conveyor S3A – Receives coal from Scalping screen SS-1 and transfers it to Belt Conveyor C11-1 and/or C11-2.	PE	B A	T110 T111 T112	FE PE PE
SS-1	4000 TPH	I - 1998	Scalping Screen SS-1 - Receives coal from Conveyor S10. Oversized coal is routed to the Shawnee Rotary Breaker S6. Undersized coal goes to a two-way flop gate which can transfer coal to Conveyor RCT-1 or Conveyor S3B.	FE	B A	T50 T54, T51 T53	FE FE FE FE
S6	1500 TPH	I-1986	Shawnee Rotary Breaker S6 - Receives coal from Scalping Screen SS-1. Refuse is transferred to Conveyor S7. Coal exiting the Rotary Breaker is transferred to Conveyor S5.	FE	B A	T54 T28-3, T27-5	FE PE PE
S7	Continued under Refuse Circuit						
RCT-1	4000 TPH	I – 1998	Conveyor RCT-1 – Receives coal from Scalping Screen SS-1 and transfers it to Conveyor S5.	FE	B A	T51 T52	FE FE
S5	4000 TPH	I - 1986 M - 1998	Conveyor S5 – Receives coal from Conveyor RCT-1 and Rotary Breaker S6, and transfers it to a Stack Tube/Stockpile ST-11. Note that Conveyor S5 will be lengthened and its design capacity increased to 4,000 TPH.	PE	B A	T52, T27-5 T49	FE PE MD
ST-11	1,106,000 Tons	I - 1986 M-1998, 2001	Stack Tube/Stockpile ST-11 - Receives coal from Conveyor S5 and transfers via underground feeder to Conveyor S3 and/or via front endloader to truck.	N	B A	T49 T32 T102	MD FE MC
S3	2,500 TPH	I - 1986	Conveyor S3 – Receives coal from underground feeder located beneath Stack Tube/Stockpile ST-11 and transfers it to Conveyor S3B.	PE	B A	T32 T33	FE PE
S3B	4,000 TPH	I - 1986 M - 1998	Conveyor S3B - Receives coal from Conveyor S3 and Scalping Screen SS-1 two-way flop gate, and routes it to 60" Raw Coal Belt Conveyor C24. Design capacity increased to 4,000 TPH.	PE	B A	T33 T53 T34	PE FE PE

Equipment ID Number	Design Capacity	Year Installed / Modified (2)	Description	Method of Control (1)	Associated Transfer Points or Equipment		
					Location: B - Before A - After	ID. No.	Method of Control (1)
C24	4,000 TPH	I - 1970 M- 1994	Conveyor C24 - Receives coal from Conveyor S3B and Rotary Breakers 13-1 and 13-2 and transfers it to Raw Coal Storage Silo A ST-3, Conveyor C31, or Conveyor C31-A.	FE	B A	T34, T8-1, T8-2 T10-3, T10-2, T10-1	PE PE PE FE FE PE
Raw Coal to Storage and to Preparation Plant							
ST-3	6,000 Tons	I - 1970	6,000 Ton Raw Coal Storage Silo A ST-3 - Receives coal from Conveyor C24 and transfers it via one mass flow feeder and six 48" reciprocating feeders to a 48" Raw Coal Belt C37.	N	B A	T10-3 T12-1	FE FE
C31	4,000 TPH	I - 1970 M- 1994	Conveyor C31 - Receives coal from Conveyor C24 and transfers it to Raw Coal Storage Silo ST-4.	FE	B A	T10-2 T10-4	FE FE
ST-4	6,000 Tons	I - 1970	Raw Coal Storage Silo B ST-4 - Receives coal from Conveyor C31 and transfers it via one mass flow feeder and six 48" reciprocating feeders to a 48" Raw Coal Belt C37.	N	B A	T10-4 T12-2	FE FE
C31-A	4,000 TPH	I - 1981	Conveyor C31-A - Receives coal from Conveyor C24 and transfers coal to Stack Tube/Raw Coal Storage Stockpile ST-2.	PE	B A	T10-1 T11	PE MC
ST-2	77,000 Tons	I - 1981 M- 2001	Raw Coal Storage Stockpile ST-2 - Receives coal from Conveyor C31-A and truck dump and transfers it via front-endloader to Feeder C36, Storage Pit ST-10, trucks, and/or railcar.	N	B A	T11 T101 T100, T77 T113	MD MD MD MD, PE MD
C36	500 TPH	I - 1981	Feeder C36 - Receives coal from Raw Coal Storage Stockpile ST-2 and transfers it to the 48" Raw Coal Belt Conveyor C37.	PE	B A	T77 T12-3	PE FE
C37	1,500 TPH	I - 1970	48" Raw Coal Belt Conveyor C37 - Receives coal from the 48" Reciprocating Feeders from Raw Coal Storage Silos A and B (ST-3 and ST-4) and Feeder C36, and transfers it to Conveyor C45.	FE	B A	T12-1, T12-2, T12-3 T13	FE FE FE FE
C45	1,500 TPH	I - 1970	Conveyor C45 - Receives coal from Conveyor C37 and transfers it into the preparation plant.	PE	B A	T13 -----	FE -----

Equipment ID Number	Design Capacity	Year Installed / Modified (2)	Description	Method of Control (1)	Associated Transfer Points or Equipment		
					Location: B - Before A - After	ID. No.	Method of Control (1)
Refuse Circuit							
8A	400 TPH	I – 1992	Conveyor 8A - Receives refuse from Rotary Breakers 13-1 and 13-2. Refuse is transferred to Conveyor C8.	N	B A	T9-1a T9-1b T46-2	PE PE FE
C8	Continued below under C8						
S7	800 TPH	I - 1986	Conveyor S7 - Receives refuse from the Rotary Breaker S6 and transfers it to the 80 ton Rock Bin.	PE	B A	T28-3 T29	PE PE
Rock Bin	80 Ton	I - 1970	Rock Bin - Receives refuse from Conveyor S7 and transfers it to a 72" Reciprocating Feeder.	FE	B A	T29 -----	PE -----
Rock Crusher #6	280 TPH	I - 1970	Rock Crusher #6 - Receives refuse from Rock Bin and transfers it to 36" Rock Belt Conveyor C8.	FE	B A	T34-2a T35	FE FE
C8	400 TPH	I - 1970	36" Rock Belt Conveyor C8 - Receives refuse from Rock Bin #6 , Rock Crusher #6, and Conveyor 8A. Transfers refuse to the 400 ton Refuse Bin ST-7.	PE	B A	T34-2b, T35, T46-2 T36	FE FE FE FE
C125	463 TPH	I - 1970	36" Plant Refuse Belt Conveyor C125 - Transfers refuse from the Preparation Plant's Washing Circuit to the 400 ton Refuse Bin ST-7.	PE	B A	----- T37	----- FE
ST-7	400 Ton	I - 1970	400 Ton Refuse Bin ST-7 - Receives coal refuse from 36" Rock Belt Conveyor C8 and 36" Plant Refuse Belt Conveyor C125 and transfers it to feeder 127 and then to Refuse Belt Conveyor C128-1 or the Emergency Refuse Stockpile.	FE	B A	T36 T37 -----	FE FE -----
C128-1	400 TPH	I - 1970	Conveyor - Receives refuse from Refuse Bin ST-7 and transfers it Point "A" Storage Bin ST-8.	PE	B A	T38 T39	FE FE
ST-8	85 Tons	I - 1970	Point "A" Storage Bin ST-8 - Receives refuse from Conveyor C128-1 and transfers it to Belt Conveyor C128-2.	FE	B A	T39 -----	FE -----
C128-2	400 TPH	I - 1970	Conveyor C128-2 - Receives refuse from Storage Bin ST-8 and transfers it to Conveyor C128-3.	PE	B A	T40 T41	PE PE
C128-3	400 TPH	I - 1983	Conveyor C128-3 - Receives refuse from Conveyor C128-2 and transfers it to Conveyor C128-4.	N	B A	T41 T42	PE PE

Equipment ID Number	Design Capacity	Year Installed / Modified (2)	Description	Method of Control (1)	Associated Transfer Points or Equipment		
					Location: B - Before A - After	ID. No.	Method of Control (1)
C128-4	400 TPH	I - 1983	Conveyor C128-4 - Receives refuse from Conveyor C128-3 and transfers it to Conveyor C128-5.	N	B A	T42 T43	PE PE
C128-5	400 TPH	I - 2001	Conveyor C128-5 - Receives refuse from Conveyor C128-4 and transfers it to Stacking Belt Conveyor.	N	B A	T43 T44	PE PE
Stacking Belt Conveyor	400 TPH	I - 1970	Stacking Belt Conveyor - Receives refuse from Conveyor C128-5 and transfers it to the Refuse Stockpile ST-12.	PE	B A	T44 T45	PE MC
ST-12	26,000 Tons	I - 1970	Refuse Stockpile ST-12.	N	B A	T45 -----	MC -----
Rotary Breakers (13-1 & 13-2) Bypass							
Raw Coal Auger Sampler	N/A	I – 1998	Raw Coal Auger Sampler - Samples coal from dump trucks at the truck scales. Emissions are expected to be minimal.	N	B A	----- -----	----- -----
ST-10	50 Tons	I – 1979 M – 2001	Raw Coal Storage Pit ST-10 - Receives coal by Truck Dumping and front-endloader and transfers it to Conveyor C11-4.	PE	B A	T4-8 T105 T4-9	MC MC PE
C11-4	Continued Under Rotary Breakers (13-1 & 13-2) Circuit						
RC-5	4000 TPH	I - 1998 M - 1999 M - 2001	Belt Conveyor RC-5 - Receives coal from the DTE's Synfuel Stockpile and transfers it to Belt Conveyor RC-1.	N	B A	T98 T81	FE PE
RC-1	Continued under Clean Coal Circuit						

Equipment ID Number	Design Capacity	Year Installed / Modified (2)	Description	Method of Control (1)	Associated Transfer Points or Equipment		
					Location: B - Before A - After	ID. No.	Method of Control (1)
Clean Coal Circuit							
TD1	800 TPH	I - 1970 M- 1996	McNally Fluidized bed Thermal Dryer with two cyclones and two venturi scrubbers.	CY,SC, ME	B A	B5,B6 001-2A,B	FE CY,SC,ME
C100	800 TPH	I - 1970	42" Dryer Feed Belt Conveyor C100 - Transfers wet coal from Preparation to Thermal Dryer.	PE	B A	------ T15	----- PE
C118	800 TPH	I - 1970 M-1995	54" Coarse Clean Coal Belt Conveyor - Receives coarse clean coal from inside Preparation Plant and transfers it to Horizontal Axis Mixer No. 120.	PE	B A	T48 T16	PE FE, SC
ST-15	1,500 tons	I-2002	Storage Stockpile ST-15 – Receives coal via dump truck and transfers it via end loader to Dump Hopper DH118-1 and/or to truck.	MC	B A	T116 T117	MD MD
DH118-1	45 Tons	I-2002	Dump Hopper DH118-1 – Receives coal via Dump Truck and/or end loader and transfers it to Conveyor C118-1.	N	B A	T107 T117 T108	N MD PE
C118-1	800 TPH	I-2002	Conveyor C118-1 – Receives coal from Dump Hopper DH 118-1 and transfers it to C132.	FE	B A	T108 T109	PE FE
Horizontal Axis Mixer No. 120	320 TPH	I - 1970	Horizontal Axis Mixer No. 120. Receives coarse clean coal from Conveyor C118 and clean coal from Thermal Dryer, and transfers coal to 72" Clean Coal Transfer Belt Conveyor C119.	FE	B A	T16 T17	FE, SC FE, SC
C119	1,000 TPH	I - 1970	72" Clean Coal Transfer Belt Conveyor C119 - Receives coal from the Horizontal Axis Mixer No. 120 and transfers coal to 48" Clean Coal Belt Conveyor C132.	FE	B A	T17 T18	FE, SC FE, SC
C132	1,000 TPH	I - 1970	48" Clean Coal Belt Conveyor C132 - Receives coal from the 72" Clean Coal Transfer Belt Conveyor C119 and transfers it to the 10,000 Ton Clean Storage Silo ST-5 and/or Conveyor SC-1.	FE	B A	T18 T19, T19A	FE, SC FE FE
ST-5	10,000 Ton	I – 1970	Storage 4 - 10,000 Ton Clean Coal Storage Silo ST-5. Receives coal from the 48" Clean Coal Belt Conveyor C132 and transfers it through one mass flow feeder and six 48" reciprocating feeders to a 72" Collecting Belt Conveyor C139.	FE	B A	T19 T20	FE FE, SC
C139	5,000 TPH	I - 1970 M - 1998	72" Collecting Belt Conveyor C139 - Receives coal from Storage 4 (ST-5) through one mass flow feeder and six 48" reciprocating feeders. Transfers coal to the 72" Belt Conveyor to Sampling Tower C141. Design capacity increased to 5,000 TPH.	FE	B A	T20 T21	FE, SC FE

Equipment ID Number	Design Capacity	Year Installed / Modified (2)	Description	Method of Control (1)	Associated Transfer Points or Equipment		
					Location: B - Before A - After	ID. No.	Method of Control (1)
C141	5,000 TPH	I - 1970 M – 1998	72" Belt Conveyor C141 - Receives coal from 72" Collecting Belt Conveyor C139 and Conveyor RC-1, and transfers it to the 72" Belt Conveyor C152. Design capacity increased to 5,000 TPH. A small portion of coal from Conveyor C141 is transferred to and from the Clean Coal Sampler System.	FE	B A	T21, T23 T24	FE FE FE
Clean Coal Sampler System (F01 & F02)	N/A	I - 1970 M - 1998	Clean Coal Sampler System - Receives coal from 72"Belt Conveyor C141 via Primary Sample Belt Conveyor and transfers it to the Primary Sample Crusher and the Nuclear Analyzer.	FE	B A	----- -----	----- -----
C152	5,000 TPH	I - 1970 M - 1998	72" Belt Conveyor to Loading Bin C152 - Receives coal from 72" Belt Conveyor C141 and transfers it to the 200 Ton Loading Bin ST-6. Design capacity increased to 5,000 TPH.	FE	B A	T24 T25	FE FE
ST-6	200 Ton	I - 1970 M - 2001	200 Ton Loading Bin ST-6 - Receives coal from the 72" Belt Conveyor C152 and transfer it to railroad cars ~~or to the new clean coal truck loadout.~~	FE	B A	T25 T26 ~~T97~~	FE FE, DSS ~~MC~~
SC-1	1,000 TPH	I – 1991	Belt Conveyor SC-1 - Receives coal from the 48" Clean Coal Belt Conveyor C132 and transfer it to the Stack Tube/Clean Coal Storage Stockpile ST-13.	PE	B A	T19A T19B	FE MC
ST-13	514,000 Tons	I - 1991 M – 1998 M – 2002	Stack Tube/Clean Coal Storage Stockpile ST-13 - Receives clean coal from Conveyor SC-1 and ~~raw and/or clean coal from dump trucks and~~ transfers it using six vibrating feeders to Belt Conveyor RC-1 and/or via front end loader to the underground bunker that feeds the DTE Synfuel Plant and/or to truck. Up to 360,000 TPY combined may be trucked to and from ST-13.	N	B A	T19B T114 T22 T115	MC N FE N
RC-1	4,000 TPH	I – 1991 M – 1998	Belt Conveyor RC-1 - Receives coal from six vibrating feeders located underneath the Clean Coal Storage Stockpile ST-13 and also from Belt Conveyor RC-5, and transfers it to the 72" Belt Conveyor C141.	PE	B A	T22 T81 T23	FE PE FE
Roadways							
PRP	N/A	I - 1970 M- 2001	Paved Roadways and parking lots.	RWMW	N/A	N/A	N/A
URP	N/A	I - 1970 M-2001	Unpaved Roadways and parking lots	RWMW	N/A	N/A	N/A

(1) Method of Control abbreviations: FE - Full Enclosure, PE - Partial Enclosure, BH - Baghouse, WS - Water Sprays, MD - Minimization of Material Drop Height, N – None, MC – Moisture Control, DSS – Dust suppressant Spray, CY – Cyclones, SC – Scrubbers, ME – Mist Eliminator, RWMW – Water Truck with Manufactured Pressurized sprays

(2) I – Year Installed, M- Year Modified

B. ENFORCEABILITY OF APPLICABLE REQUIREMENTS

The following table provides a summary of all applicable requirements and their methods for determining compliance. For further detail refer to the sections referenced in the columns entitled "Permit Condition Number" and "Compliance Demonstration - Condition Number."

Emission Point ID	Applicable Requirement	Permit Condition Number	Pollutant/ Parameter	Limit/ Standard	Compliance Demonstration	
					Method	Condition Number
Facility-Wide	C.S.R. 45-6-3.1.	III.B.1.a.i.	Refuse	Open Burning Prohibited	N/A	N/A
Facility-Wide	C.S.R. 45-6-3.2a.	III.B.1.a.ii.	N/A	Open Burning Prohibited	N/A	N/A
Facility-Wide	40 C.F.R. 61.145, 61.148, and 61.150	III.B.1.a.iii.	Asbestos	N/A	N/A	N/A
Facility-Wide	C.S.R. 45-30-4.3.h.1.B.	III.B.1.a.iv.	Any Newly Applicable Requirement	Notify and Submit Compliance Schedule	N/A	N/A
Facility-Wide	WV Code 22-5-4(a)(15), C.S.R. 45-5-12.1. -12.3.	III.B.1.a.v.	Testing	Conduct as required	N/A	III.B.1.a.v.
Facility-Wide	C.S.R. 45-5-12.6.	III.B.1.a.vi.	Testing	Install Flow Straightening Devices as required	N/A	III.B.1.a.vi.
Facility-Wide	C.S.R. 45-13-10.5	III.B.1.a.vii.	N/A	Permanent Shutdown	N/A	III.B.1.a.vii.
Facility-Wide	C.S.R. 45-4-3.1.	III.B.1.b.i	Any Air Pollutant	Objectionable Odor Prohibited	Reporting	III.C.8.
~~Facility-Wide~~	~~C.S.R. 45-13-10.5~~	~~III.B.1.b.ii.~~	~~N/A~~	~~Permanent Shutdown~~	~~N/A~~	~~III.B.1.b.ii.~~
Facility-Wide	C.S.R. 45-11-5.2.	III.B.2.a.i.	Any Regulated Air Pollutant	Submit Standby Plan if Requested	N/A	N/A
Facility-Wide . (Not required for stockpiles & haulroads	C.S.R. 45-5-3.4.	III.B.2.a.ii.	Particulate Matter	20% Opacity	Visual Inspection and Recordkeeping	III.C.1
Facility-Wide	C.S.R. 45-5-6.1.	III.B.2.a.iii.	Particulate Matter	Operate and Maintain Fugitive Dust Control System	Recordkeeping	III.C.2.

Emission Point ID	Applicable Requirement	Permit Condition Number	Pollutant/ Parameter	Limit/ Standard	Compliance Demonstration	
					Method	Condition Number
Facility-Wide	C.S.R. 45-5-6.2 & CSR 45-13 (Permit # 2183GD)	III.B.2.a.iv & III.B.2.a.xxxi III.B.2.a.xxxiii	Particulate Matter	Minimize Dust Generation and Atmospheric Entrainment through Dust Control Methods and Good Operating practices & Water Truck	Recordkeeping	III.C.3.
Facility-Wide	WV Code 22-5-4(a)(14)	III.B.2.a.v.	Criteria Air Pollutants	Submit Annual Emission Inventory	Reporting	III.B.2.a.v
Refuse Area, Refuse Stockpiles, ST-12, Rock Bin, ST-7, ST-8	C.S.R. 45-5-7.	III.B.2.b.i.	Coal Refuse	Prevent and Control Air Pollution from Coal Refuse Disposal Areas	N/A	III.B.2.b.i
Refuse Area, Refuse Stockpiles, ST-12, Rock Bin, ST-7, ST-8	C.S.R. 45-5-8.	III.B.2.b.ii.	Coal Refuse	Investigate Burning Coal Refuse as required	N/A	III.B.2.b.ii.
Transfer Points: Truck Dumping [at ST-10, DH-3, DH118-1], Endloader [at OS-1, ST-2, ST-10, ST-11, ST-13, ST-14, ST-15, DH-3, ~~DHOS-2,~~ DH118-1], ST-6, DH-3, MCD-1, DH118-1, Conveyors: ~~OSC-1, OSC-2, OSC-3,~~ C24, C31, C31A, C36 , C118, C118-1, C132, SC-1, ST-5 Reclaim System, C139, ST-13 Reclaim System, RC-1, C141, C152, ST-6 Reclaim System, S-7, ST-11 Reclaim System, S3, S3A, S3B, C128-3, C128-4, 8A, S5, S10, RCT-1, C11-4, RC-5, C10-3, C128-5, Breaker: S6, Screen: ~~OSS-1,~~ SS-1	40 C.F.R. 60.252(c), 40 C.F.R. 60.11(c)	III.B.2.a.vi.	Particulate Matter	20% Opacity	Visual Inspection and Recordkeeping	III.C.1.

Emission Point ID	Applicable Requirement	Permit Condition Number	Pollutant/ Parameter	Limit/ Standard	Compliance Demonstration	
					Method	Condition Number
Transfer Points: Truck Dumping [at ST-10, DH-3, DH118-1], Endloader [at OS-1, ST-2, ST-10, ST-11, ST-13, ST-14, ST-15, DH-3, ~~DHOS-2,~~ DH118-1], ST-6, DH-3, MCD-1,DH118-1, Conveyors: ~~OSC-1, OSC-2, OSC-3,~~ C24, C31, C31A, C36 , C118, C118-1, C132, S3A, SC-1, ST-5 Reclaim System, C139, ST-13 Reclaim System, RC-1, C141, C152, ST-6 Reclaim System, S-7, ST-11 Reclaim System, S3, S3B, C128-3, C128-4, 8A, S5, S10, RCT-1, C11-4, RC-5, C10-3, C128-5, ***Breaker:*** *S6,* ***Screen:*** *~~OSS-1,~~ SS-1*	40 C.F.R. 60.11(d)	III.B.2.a.vii.	Particulate Matter	Operating and Maintenance procedures	Visual Inspection and Recordkeeping	III.C.2.
Thermal Dryer: (TD1), Mixer 120 (T16,T17,T18), C139 (T20)	C.S.R. 45-5-3.1.	III.B.2.a.viii.	Particulate Matter	20 % Opacity	Visual Inspection and Recordkeeping	III.C.6.
Thermal Dryer:(TD1), Mixer 120(T16,T17,T18), C139 (T20)	C.S.R. 45-5-3.2.	III.B.2.a.ix.	Particulate Matter	No more than 60% Opacity for more than 5 min. during operation	Visual Inspection and Recordkeeping	III.C.6.
Thermal Dryer: (TD1)	C.S.R. 45-5-3.3.	III.B.2.a.x.	Particulate Matter	No More than 60% Opacity for more than 8 min during startup	Visual Inspection and Recordkeeping	III.C.6.
Thermal Dryer: (TD1)	C.S.R. 45-5-4.1.b., C.S.R. 45-5-Appendix 1.2.	III.B.2.a.xi.	Particulate Matter	Max allowable particulate loading 0.083 grains per cubic foot	Recordkeeping Stack Testing	III.C.5.
Thermal Dryer: (TD1)	C.S.R. 45-5-4.2.	III.B.2.a.xii.	Circum-venting rule	Adding additional gas to dryer exhaust	N/A	III.B.2.a.xii.
	C.S.R. 45-5-4.3.	III.B.2.a.xiii.	Stack Height	Stack Height > 80 ft. or > 10 ft. from adjacent structure	Inspection	III.B.2.a.xiii.

Emission Point ID	Applicable Requirement	Permit Condition Number	Pollutant/ Parameter	Limit/ Standard	Compliance Demonstration	
					Method	Condition Number
Thermal Dryer: (TD1)	C.S.R. 45-5-4.1.b., C.S.R. § 45-5-Appendix 2.1. and 2.3.	III.B.2.a.xiv.	Stack Gas Monitoring	Continuously measure temperature	Install monitor Recordkeeping	III.B.2.a.xiv. III.C.7.
Thermal Dryer: (TD1)	C.S.R. 45-5-4.1.b., C.S.R. 45-5-Appendix 2.2.a. and 2.3.	III.B.2.a.xv	Monitor pressure	Continuously measure pressure drop in scrubber	Install monitor Recordkeeping	III.B.2.a.xv & III.C.7.
Thermal Dryer: (TD1)	C.S.R. 45-5-4.1.b., C.S.R. 45-5-Appendix 2.2.b. and 2.3. CSR 45-13 (Permit # 2183GD)	III.B.2.a.xvi. III.B.2.a.xxvi	Monitor water supply pressure and water flow	Continuously measure pressure of water supply for scrubber , water flow ≥ 2240gpm	Install monitor Recordkeeping	III.B.2.a.xvi IIIB.2.a.xxvi & III.C.7.
	C.S.R. 45-10-4.1.	III.B.2.a.xix. ~~xvii.~~	Sulfur Dioxide	Max allowable Sulfur Dioxide loading 2000 ppm	Recordkeeping	III.B.2.a.xix. ~~vii.~~
Thermal Dryer: (TD1) ~~Screen Engine: (ICE-1)~~	C.S.R. 45-10-8.2.a.	III.B.2.a.xx. ~~xviii~~	Stack Gas Monitoring	Secretary's Authority to Require	N/A	III.B.2.a.xx. ~~xviii~~
	C.S.R. 45-10-8.2.b.	III.B.2.a.xxi. ~~xix.~~	Sulfur Dioxide	Calculation based on fuel sulfur content basis	N/A	III.B.2.a.xxi. ~~xix.~~
	~~C.S.R. 45-10-8.2.c.2.~~	~~III.B.2.b.iii.~~	~~Sulfur Dioxide~~	~~Submit monitoring plan~~	~~N/A~~	~~III.B.2.b.iii.~~
	C.S.R. 45-10-8.1.a.	III.B.2.a.xxii. ~~xx.~~	Sulfur Dioxide	Compliance Testing	N/A	III.B.2.a.xxii. ~~xx.~~
	C.S.R. 45-10-8.1.b.	III.B.2.a.xxiii ~~xxi.~~	Air Pollution Emissions	Emission Testing	N/A	III.B.2.a.xxiii ~~xxi.~~
Facility-Wide	CSR 45-13 (Permit # 2183GD)	III.B.2.a.xxiv. ~~xxii.~~	Construction and Operation	Construct and operate according to the approved permit conditions	N/A	N/A
Thermal Dryer: (TD1).	CSR 45-13 (Permit # 2183GD)	III.B.2.a.xxv. ~~xxiii~~	Hours of Operation	≤7083 Hours per year	Recordkeeping	III.C.4
Thermal Dryer (TD1)	CSR 45-13 (Permit # 2183GD)	III.B.2.a.xxvi. ~~xxiv~~	BTU & Sulfur.	Daily Analysis	Recordkeeping	III.B.2.a.xxvi. ~~xxiv~~

Emission Point ID	Applicable Requirement	Permit Condition Number	Pollutant/ Parameter	Limit/ Standard	Compliance Demonstration	
					Method	Condition Number
Thermal Dryer (TD1)	CSR 45-13 (Permit # 2183GD)	III.B.2.a.xxvii ~~xxv~~	Criteria Air Pollutants	VOC≤41.3 pph, VOC ≤146 tpy SO2 ≤50.3 pph, SO2 ≤178 tpy NOx ≤93.9 pph, Nox ≤332 tpy CO ≤50.3 pph, CO ≤178 tpy PM ≤77.0 pph, PM ≤272 tpy	Stack test and Recordkeeping	III.C.5
SS-1, ~~DHOS-2,~~ C-45, C-100, Syn Fuel to RC-5, ST-6	CSR 45-13 (Permit # 2183GD)	III.B.2.a.xxix. ~~xxvii~~ & III.B.2.a.xxxii ~~xxx~~	Throughput and Control	SS-1 ≤7,000,000 ~~tpy DHOS-2 ≤1,000,000 tpy~~ C-100 ≤5,670,000 tpy SynFuel Plant to RC-5 ≤3,000,000 tpy , ST-6 to Railcars ≤8,100,000 tpy, ~~ST-6 to Trucks ≤100,000 tpy~~, C45≤10,630,000	Recordkeeping	III.C.9.4
Stockpiles OS-1, ST-2, ST-11, ST-12, ST-13, ST-14, & ST-15, Storage Pit ST-10	CSR 45-13 (Permit # 2183GD)	III.B.2.a.xxx. ~~xxviii~~ III.B.2.a.xxxi. ~~xxix~~ III.B.2.a.xxxii xxx	Throughput and Control	Please see tables in Sections III.B.2.a.xxx. ~~xxviii~~ & III.B.2.a.xxxi. ~~xxix~~ for detail	Recordkeeping	III.C.9. ~~4~~
OS-1	CSR 45-13 (Permit # 2183GD)	III.B.2.a.xxxvi. ~~xxxiv~~	Particulate Matter	Use of a vacuum truck along paved entrance to Stockpile OS-1	Recordkeeping	III.C.3
Thermal Dryer: (TD1)	CSR 45-13 (Permit # 2183GD)	III.B.2.a.xxxvii ~~xxxv~~	N/A	Scrubber Malfunctions	Recordkeeping	III.C.7
~~SS-1, OSS-1, C45, C100, Synfuel to RC-5, ST-6, OS-1, ST-2, ST-10, ST-11, ST-13, ST-14, and ST-15~~	~~CSR 45-13 (Permit # 2183FD)~~	~~III.B.2.a.xxxvi~~	~~N/A~~	~~Throughput limits~~	~~Recordkeeping~~	~~N/A~~

1. GENERAL CONDITIONS

a. ENFORCEABLE BY DAQ AND/OR USEPA

i. The open burning of refuse by any person, firm, corporation or public agency is prohibited except as noted in C.S.R. § 45-6-3.1. (a) and (b). Other exceptions noted in 3.1(c) and 3.1(d) are enforceable by DAQ, and will become enforceable by USEPA only when approved in the SIP. C.S.R. § 45-6-3.1. (effective date July 1, 2001). *(Facility-Wide*

Applicability). ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved version of the same rule.~~

ii. No person shall cause, suffer, allow or permit any form of open burning during existing or predicted periods of atmospheric stagnation. C.S.R. § 45-6-3.2.a. (effective date July 1, 2001). *(Facility-Wide Applicability).* ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved version of the same rule.~~

iii. The permittee is responsible for thoroughly inspecting the facility, or part of the facility, prior to commencement of demolition or renovation for the presence of asbestos and complying with 40 C.F.R. § 61.145, 40 C.F.R. § 61.148, and 40 C.F.R. § 61.150. The permittee must notify the Secretary of the DAQ at least ten (10) working days prior to the commencement of any asbestos removal on the forms prescribed by the Secretary. A copy of this notice shall be sent to the USEPA, the Office of Waste Management and the Bureau for Public Health - Environmental Health. *(Facility-Wide Applicability).*

iv. If any applicable requirement is promulgated during the term of this permit, the permittee is responsible for notifying the Secretary and submitting an appropriate compliance schedule. C.S.R. § 45-30-4.3.h.1.B. (effective date July 1, 2001). *(Facility-Wide Applicability).*

v. As per provisions set forth in Section III of this permit or as otherwise required by the Secretary, in accordance with the West Virginia Code, underlying regulations, permits and orders, the permittee shall conduct test(s) to determine compliance with the emission limitations set forth in this permit and/or established or set forth in underlying documents. The Secretary, or his duly authorized representative, may at his option witness or conduct such test(s). Should the Secretary exercise his option to conduct such test(s), the operator shall provide all necessary sampling connections and sampling ports to be located in such manner as the Secretary may require, power for test equipment and the required safety equipment, such as scaffolding, railings and ladders, to comply with generally accepted good safety practices. Such tests shall be conducted in accordance with the methods and procedures set forth in Section III of this permit or as otherwise approved or specified by the Secretary in accordance with the following:

(a) For emissions for which there are no applicable requirements within the permit, the Secretary for cause may require testing or monitoring to determine emissions of air pollutants or

emissions from sources.

(b) The Secretary may on a source-specific basis approve or specify additional testing or alternative testing to the test methods specified in the permit for demonstrating compliance with 40 C.F.R. Parts 60, 61, and 63 in accordance with the Secretary's delegated authority and any established equivalency determination methods which are applicable. If a testing method is specified or approved which effectively replaces a test method specified in the permit, the permit will be revised in accordance with C.S.R. § 45-30-6.4. or C.S.R. § 45-30-6.5 as applicable.

(c) The Secretary may on a source-specific basis approve or specify additional testing or alternative testing to the test methods specified in the permit for demonstrating compliance with applicable requirements which do not involve federal delegation. In specifying or approving such alternative testing to the test methods, the Secretary, to the extent possible, shall utilize the same equivalency criteria as would be used in approving such changes under Section III.B.1.a.v.(b). If a testing method is specified or approved which effectively replaces a test method specified in the permit, the permit will be revised in accordance with C.S.R. § 45-30-6.4. or C.S.R. § 45-30-6.5 as applicable.

All periodic tests to determine mass emission limits from or air pollutant concentrations in discharge stacks and such other tests as specified in Section III of this permit shall be conducted in accordance with an approved test protocol. Unless previously approved, such protocols shall be submitted to the Secretary in writing at least thirty (30) days prior to any testing and shall contain the information set forth by the Secretary. In addition, the permittee shall notify the Secretary at least fifteen (15) days prior to any testing so the Secretary may have the opportunity to observe such tests. This notification shall include the actual date and time during which the test will be conducted and, if appropriate, verification that the tests will fully conform to a referenced protocol previously approved by the Secretary. WV Code 22-5-4(a)(15), C.S.R 45-5-12.1. -12.3. At such reasonable times as the Secretary may designate, the permittee may be required to conduct or have conducted tests to determine the compliance of such source(s) with the emission limitations noted in sections 3 & 4 of C.S.R. 45-10. C.S.R. 45-10-8.1. (effective date August 31, 2000). *(Facility-Wide Applicability).* ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved rule.~~

vi. Any stack venting thermal dryer exhaust gases and/or air table exhaust gases or exhaust gases or air from any air pollution control device shall include straight runs of sufficient length to establish flow patterns consistent with acceptable stack sampling procedures. Flow straightening devices shall be required where cyclonic gas flow would exist in the absence of such devices. C.S.R. 45-5-12.6. (effective date August 31, 2000). *(Facility-Wide Applicability).* ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved rule.~~

vii. A source which has not operated at least 500 hours in one 12-month period within the previous five (5) year time period may be considered permanently shutdown, unless such source can provide to the Director, with reasonable specificity, information to the contrary. All permits may be modified or revoked and/or reapplication or application for new permits may be required for any source determined to be permanently shutdown. C.S.R. § 45-13-10.5. (effective date June 1, 2000). (*Facility-Wide Applicability*).

b. ENFORCEABLE BY DAQ ONLY

i. No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor at any location occupied by the public. C.S.R. 45-4-3.1. (effective date October 1, 1967). *(Facility-Wide Applicability).*

~~ii. A source which has not operated at least 500 hours in one 12-month period within the previous five (5) year time period may be considered permanently shutdown, unless such source can provide to the Director, with reasonable specificity, information to the contrary. All permits may be modified or revoked and/or reapplication or application for new permits may be required for any source determined to be permanently shutdown. C.S.R. § 45-13-10.5. (effective date June 1, 2000). This permit condition shall become federally enforceable upon the Environmental Protection Agency's approval of this regulation as part of the State Implementation Plan. (*Facility-Wide Applicability*).~~

2. SPECIFIC CONDITIONS

a. ENFORCEABLE BY DAQ AND/OR USEPA

i. When requested by the Secretary, the permittee shall prepare standby plans for reducing the emissions of air pollutants in accordance with the objectives set forth in Tables I, II, and III of 45 C.S.R. 11. C.S.R. 45-11-5.2. (effective date April 25, 1990). *(Facility-Wide Applicability).*

ii. No person shall cause, suffer, allow or permit emission of particulate matter into the open air from any fugitive dust control system which is twenty percent (20%) opacity or greater. C.S.R. 45-5-3.4. (effective date August 31, 2000). *(Facility-Wide Applicability (All Fugitive Dust Control Systems as specified in Section III. Table A.)).* ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved rule.~~

iii. No person shall cause, suffer, allow or permit a coal preparation plant or handling operation to operate that is not equipped with a fugitive dust control system. This system shall be operated and maintained in such a manner as to minimize the emission of particulate matter into the open air. All fugitive dust control systems shall remain functional year-round, to the maximum extent practicable, including winter months and cold weather. C.S.R. 45-5-6.1. (effective date August 31, 2000). *(Facility-Wide Applicability (All Fugitive Dust Control Systems as specified in Section III. Table A.)).* ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved rule.~~

iv. The owner or operator of a coal preparation plant or handling operation shall maintain dust control of the premises and owned, leased, or controlled access roads by paving, or other suitable measures. Good operating practices shall be observed in relation to stockpiling, car loading, breaking, screening, and general maintenance to minimize dust generation and atmospheric entrainment. C.S.R. 45-5-6.2. (effective date August 31, 2000). *(Facility-Wide Applicability).* ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved rule.~~

v. The permittee is responsible for submitting, on an annual basis, an emission inventory in accordance with the submittal requirements of the Office of Air Quality. W.V. Code 22-5-4(a)(14). *(Facility-Wide Applicability).*

vi. The permittee shall not cause to be discharged into the atmosphere from any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal that commences construction or modification after October 24, 1974, gases which exhibit 20 percent opacity or greater. These opacity standards shall apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided in the applicable standard. *40 C.F.R. 60.252c (Effective Date: January 15, 1976), 40 C.F.R. 60.11c (Revised as of July 1, 1998).* ***Transfer Points:*** *Truck Dumping [at ST-10(T4-8), DH-3(T93), DH118-1(T107)], Endloader [at OS-1(~~T66b~~,T92), ST-2(T77), ST-10(T4-8 and T4-9), ST-11(T102), ST-13(T115 and T119), ST-14(T104), ST-15(T118), DH-3(T94), ~~DHOS-2(T86),~~ DH118-1 (T117)], Railcar Loading Bin ST-6(T25,and T26 ~~and T97~~), DH-3(T95), Mine Car Dump MCD-1(T72a and T72b),* ***Conveyors:*** *~~OSC-1(T87), OSC-2(T90), OSC-3((T91)~~, C24(T10-1,T10-2 & T10-3), C31(T10-4), C31A(T11), C36 Feeder(T12-3), C118(T16), C118-1((109), C132(T19,T19A), SC-1(T19-B), ST-5 Reclaim System (T20), C139(T21), ST-13 Reclaim System (T22), RC-1(T23), C141(T24), C152(T25), ST-6 Reclaim System (T26), S3A(T111 and T112), S-7(T29), ST-11 Reclaim System (T32), S3(T33), S3B(T34), C128-3(T42), C128-4(T43), 8A(T46-2), S5(T49), S10(T50), RCT-1(T52), C11-4(T73,T74), RC-5(T81), C10-3(T96), C128-5(T44),* ***Breaker:*** *S6(T54,T27-5 and T28-3)* ***Screen:*** *~~OSS-1(T87,T88 and T89),~~ SS-1(T50,T51,T53 and T54).*

vii. At all times, including periods of startup, shutdown, and malfunction, the permittee shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Secretary which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. *40 C.F.R. 60.11(d) (Revised as of July 1, 1998).* ***Transfer Points:*** *Truck Dumping [at ST-10 (T4-8), DH-3 (T93), DH118-1(T107)], Endloader [at OS-1(~~T66b,~~T92), ST-2(T77), ST-10(T4-8 and T4-9), ST-11(T102), ST-13(T115 and T119), ST-14(T104), ST-15(T118), DH-3(T94), ~~DHOS-2(T86)~~, DH118-1(T117)], Railcar Loading Bin ST-6(T25 and T26 ~~and T97~~), DH-3(T95), Mine Car Dump MCD-1(T72a and T72b),* ***Conveyors:*** *~~OSC-1(T87), OSC-2(T90), OSC-3((T91)~~, C24(T10-1,T10-2 & T10-3), C31(T10-4), C31A(T11), C36 Feeder(T12-3), C118(T16), C118-1(T109), C132(T19,T19A), S3A(T111 and T112), SC-1(T19-B), ST-5 Reclaim System (T20), C139(T21), ST-13 Reclaim System (T22), RC-1(T23), C141(T24), C152(T25), ST-6 Reclaim System (T26), S-7(T29), ST-11 Reclaim*

System (T32), S3(T33), S3B(T34), C128-3(T42), C128-4(T43), 8A(T46-2), S5(T49), S10(T50), RCT-1(T52), C11-4(T73,T74), RC-5(T81), C10-3(T96), C128-5(T44), ***Breaker:*** *S6(T54,T27-5 and T28-3)* ***Screen:*** ~~*OSS-1(T87,T88 and T89)*~~*, SS-1(T50,T51,T53 and T54).*

viii. No person shall cause, suffer, allow or permit emission of particulate matter into the open air from any stack which is twenty percent (20%) opacity or greater, except as noted in C.S.R. 45-5-3.2, C.S.R. 45-5-3.1. (effective date August 31, 2000). ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved version of the same rule.~~ ***Thermal Dryer****: TD1(001-2A,B).*

ix. The provisions of viii. of this section shall not apply to particulate matter emitted, which is less than sixty percent (60%) opacity for a period or periods aggregating no more than five (5) minutes in any sixty (60) minute period during operation. C.S.R. 45-5-3.2. (effective date August 31, 2000). ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved version of the same rule.~~ ***Thermal Dryer****: TD1(001-2A,B).*

x. The provisions of viii and ix of this section shall not apply to particulate matter emitted, which is less than sixty percent (60%) opacity for a period of up to eight (8) minutes in any operating day for the purposes of building a fire of operating quality in the fuel burning equipment of a thermal dryer. C.S.R. 45-5-3.3. (effective date August 31, 2000). ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved version of the same rule.~~ ***Thermal Dryer****: TD1 (001-2A,B).*

xi. No person shall cause, suffer, allow or permit particulate matter to be vented into the open air from the thermal dryer exhaust in excess of 0.083 grains per standard cubic foot. C.S.R 45-5-4.1.b. and C.S.R. 45-5- Appendix 1.2. (effective date August 31, 2000). ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved version of the same rule.~~ ***Thermal Dryer****: TD1(001-2A,B).*

xii. No person shall circumvent this rule by adding additional gas to any dryer exhaust or group of dryer exhaust for the purpose of reducing the grain loading. C.S.R 45-5-4.2. (effective date August 31, 2000). ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved version of the same rule.~~ ***Thermal Dryer****: TD1 (001-2A,B).*

xiii. No person shall cause, suffer, allow or permit the exhaust gases from a thermal dryer to be vented into the open air at an altitude of less than eighty (80) feet above the foundation grade of the structure containing the dryer or less than ten (10) feet above the top of the said structure or any adjacent structure, whichever is greater. In determining the desirable height of a plant stack, due consideration shall be given to the local topography, meteorology, the location of nearby dwellings and public roads, the stack emission rate, and good engineering practice as set forth in 45 C.S.R. 20. C.S.R. 45-5-4.3. (effective date August 31, 2000). ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved version of the same rule.~~ ***Thermal Dryer****: TD1 (001-2A,B).*

xiv. The owner or operator of a thermal dryer shall install, calibrate, maintain, and continuously operate a monitoring device for the continuous measurement of the temperature of the gas stream at the exit of the thermal dryer. The monitoring device is to be certified by the manufacturer to be accurate within plus or minus three degrees Fahrenheit ($3\ ^0$F) and be recalibrated as necessary, but at least once annually. C.S.R. 45-5-4.1.b. and C.S.R. 45-5- Appendix 2.1 and 2.3. (effective date August 31, 2000). ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved version of the same rule.~~ ***Thermal Dryer****: TD1 (001-2A,B).*

xv. The owner or operator of a thermal dryer shall install, calibrate, maintain, and continuously operate a monitoring device for the continuous measurement of the pressure loss through the scrubber. The pressure drop will be measured between the inlet airflow to the scrubber and outlet airflow of the scrubber. The monitoring device is to be certified by the manufacturer to be accurate within plus or minus one inch (1 in.) water gauge and be recalibrated as necessary, but at least once annually. C.S.R. 45-5-4.1.b. and C.S.R. 45-5-Appendix 2.2.a and 2.3. (effective date August 31, 2000). ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved version of the same rule.~~ ***Thermal Dryer****: (TD1).*

xvi. The owner or operator of a thermal dryer shall install, calibrate, maintain, and continuously operate a monitoring device for the continuous measurement of the water supply pressure to the control equipment. The monitoring device is to be certified by the manufacturer to be accurate within plus or minus five percent (5%) water gauge and be recalibrated as necessary, but at least once annually. C.S.R. 45-5-4.1.b. and C.S.R. 45-5-Appendix 2.2.b and 2.3 (effective date August 31, 2000). ~~Compliance with this streamlined~~

~~limit assures compliance with the corresponding provisions of the SIP approved version of the same rule.~~ ***Thermal Dryer****: (TD1).*

xvii. In order to prevent and control air pollution from coal refuse disposal areas, the operation of coal refuse disposal areas shall be conducted in accordance with the standards established by the following: C.S.R. 45-5-7.1. (effective date August 31, 2000). *Refuse Area, Refuse stockpile, ST-12.*

(a) Coal refuse is not to be deposited on any coal refuse disposal area unless the coal refuse is deposited in such a manner as to minimize the possibility of ignition of the coal refuse. C.S.R. 45-5-7.2. (effective date August 31, 2000). *Refuse Area, Refuse stockpile* ST-12.

(b) Coal refuse disposal areas shall not be so located with respect to mine openings, tipples, or other mine buildings, unprotected coal outcrops or steam lines, that these external factors will contribute to the ignition of the coal refuse on such coal refuse disposal areas. C.S.R. 45-5-7.3. (effective date August 31, 2000). *Refuse Area, Refuse stockpile, ST-12.*

(c) Vegetation and combustible materials shall not be left on the ground at the site where a coal refuse pile is to be established, unless it is rendered inert before coal refuse is deposited on such site. C.S.R. 45-5-7.4. (effective date January 1, 1995). *Refuse Area, Refuse stockpile, ST-12.*

(d) Coal refuse shall not be dumped or deposited on a coal refuse pile known to be burning, except for the purpose of controlling the fire or where the additional coal refuse will not tend to ignite or where such dumping will not result in statutory air pollution. C.S.R. 45-5-7.5. (effective date August 31, 2000). *Refuse Area, Refuse stockpile, ST-12*

(e) Materials with low ignition points used in the production or preparation of coal, including but not limited to wood, brattice cloth, waste paper, rags, oil and grease, shall not be deposited on any coal refuse disposal area or in such proximity as will reasonably contribute to the ignition of a coal refuse disposal area. C.S.R. 45-5-7.6. (effective date August 31, 2000). *Refuse Area, Refuse stockpile, ST-12*

(f) Garbage, trash, household refuse, and like materials shall not be deposited on or near any coal refuse disposal area. C.S.R. 45-5-7.7. (effective date August 31, 2000). *Refuse Area,*

Refuse stockpile, ST-12.

(g) The deliberate ignition of a coal refuse disposal area or the ignition of any materials on such an area by any person or persons is prohibited. C.S.R. 45-5-7.8. (effective date August 31, 2000). *Refuse Area, Refuse stockpile, ST-12.*

xviii. Each burning coal refuse disposal area which allegedly causes air pollution shall be investigated by the Secretary in accordance with the following (C.S.R. 45-5-8.1, effective date August 31, 2000). *Refuse Area, Refuse stockpile, ST-12.*

(a) Each coal refuse disposal area which causes air pollution shall be considered on an individual basis by the Secretary. Consistent with the declaration of policy and purpose set forth in section one of Chapter twenty-two, article five of the code of West Virginia, as amended, as well as the established facts and circumstances of the particular case, the Secretary shall determine and may order after a proper hearing the effectuation of those air pollution control measures which are adequate for each such coal refuse disposal area. C.S.R. 45-5-8.2. (effective date August 31, 2000). *Refuse Area, Refuse stockpile, ST-12.*

(b). With respect to all burning coal refuse disposal areas, the person responsible for such coal refuse disposal areas or the land on which such coal refuse disposal areas are located shall use due diligence to control air pollution from such coal refuse disposal areas. Consistent with the declaration of policy and purpose set forth in section one of chapter twenty-two, article five of the code of West Virginia, as amended, the Secretary shall determine what constitutes due diligence with respect to each such burning coal refuse disposal area. When a study of any burning coal refuse disposal area by the Secretary establishes that air pollution exists or may be created, the person responsible for such coal refuse disposal area or the land on which such coal refuse disposal area is located shall submit to the Secretary a report setting forth satisfactory methods and procedures to eliminate, prevent, or reduce such air pollution. The report shall be submitted within such time as the Secretary shall specify. The report for the elimination, prevention or reduction of air pollution shall contain sufficient information, including completion dates, to establish that such program can be executed with due diligence. If approved by the Secretary, the corrective measures and completion dates shall be embodied in a

consent order issued pursuant to W.Va. Code 22-5-1 et seq. If such report is not submitted as requested or if the Secretary determines that the methods and procedures set forth in such report are not adequate to reasonably control such air pollution, then a hearing will be held pursuant to the procedures established by W.Va. Code 22-5. C.S.R. 45-5-8.3. (effective date August 31, 2000). *Refuse Area, Refuse stockpile, ST-12.*

~~xvii.~~

xix. No person shall cause, suffer, allow, or permit the emission into open air from any source operation an in-stack sulfur dioxide concentration exceeding 2000 ppmv by volume from existing source operations, except as provided in subdivisions of 45-10-4.1. C.S.R. 45-10-4.1. (effective date August 31, 2000). ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved version of the same rule.~~ ***Thermal Dryer****: TD1 (001-2A,B),* ~~*Screen Engine (ICE-1).*~~

~~xviii.~~

xx. At the request of the Secretary the owner and/or operator of a source shall install such stack gas monitoring devices as the Secretary deems necessary to determine compliance with the provisions of CSR § 45-10-4.1. The data from such devices shall be readily available at the source location or such other reasonable location that the Secretary may specify. At the request of the Secretary, or his or her duly authorized representative, such data shall be made available for inspection or copying. Failure to promptly provide such data shall constitute a violation of 45CSR10. C.S.R. 45-10-8.2.a. (effective date August 31, 2000). ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved version of the same rule.~~ ***Thermal Dryer****: TD1 (001-2A,B),* ~~Screen Engine (ICE-1).~~

~~xix.~~

xxi. Prior to the installation of calibrated stack gas monitoring devices, sulfur dioxide emission rates shall be calculated on an equivalent fuel sulfur content basis. C.S.R.45-10-8.2.b. (effective date August 31, 2000). ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved version of the same rule.~~ ***Thermal Dryer****: TD1 (001-2A,B),* ~~Screen Engine (ICE-1).~~

~~xx.~~

xxii. At such reasonable times as the Secretary may designate, the owner or operator of a source(s) of any fuel burning unit(s) manufacturing process source(s) or combustion source(s) may be required to

conduct or have conducted tests to determine the compliance of such source(s) with the emission limitations of section 3, 4 or 5 of C.S.R. 45-10. Such tests shall be conducted in accordance with the appropriate test methods 40C.F.R.60, Appendix A, Method 6, Method 15 or other equivalent EPA testing method approved by the Secretary. The Secretary, or his or her duly authorized representative, may at his or her option witness or conduct such tests. Should the Secretary exercise his or her option to conduct such tests, the operator will provide all necessary sampling connections and sampling ports to be located in such a manner as the Secretary may require, power for test equipment, and the required safety equipment such as scaffolding, railings, and ladders to comply with generally accepted good safety practices. C.S.R. 45-10-8.1.a. (effective date August 31, 2000). ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved version of the same rule.~~ ***Thermal Dryer****: (TD1)*, ~~Screen Engine (ICE-1)~~.

~~xxi.~~

xxiii. The Secretary, or his duly authorized representative, may conduct such other tests as he or she may deem necessary to evaluate air pollution emissions other than those noted in section 3 of C.S.R. 45-10. C.S.R. 45-10-8.1.b. (effective date August 31, 2000). ~~Compliance with this streamlined limit assures compliance with the corresponding provisions of the SIP approved version of the same rule.~~ ***Thermal Dryer****: TD1 (001-2A,B))*, ~~*Screen Engine(ICE-1)*~~.

~~xxii~~

xxiv. The permitted facility shall be constructed and operated in accordance with information filed in Permit Applications R13-2183G, R13-2183F, R13-2183E, R13-2183D, R13-2183C, R13-2183B (PD99-169), R13-2183A (PD99-062), R13-2183, and R13-1831 and any amendments thereto. C.S.R. 45-13 Permit No. R13-2183G~~D~~, Specific Requirement A.1., September 8, 2004 ~~Draft.~~

~~xxiii.~~

xxv. The thermal dryer shall not be operated more than 7083 hours per year. ~~U.S. Steel Mining Company, LLC (USM)~~ The permittee shall maintain records showing the number of hours each calendar day the thermal dryer was in operation. C.S.R. 45-13 Permit No. R13-2183G~~D~~, Specific Requirement A.2., September 8, 2004 ~~Draft~~. ***Thermal Dryer****: TD1*.

~~xxiv.~~

xxvi. The permittee ~~USM~~ shall sample in accordance with approved ASTM methods on at least a daily basis the fuel coal burned in the furnaces

and have the samples analyzed for sulfur and BTU content. Result of these analyses shall be certified by a "responsible official" and maintained on site for a period of not less than five (5) years and shall be made available to the Director ~~Chief~~ or his or her duly authorized representative upon request. If the sulfur content exceeds 1.22 percent on a dry basis, the permittee ~~USM~~ shall add 0.51 gallons per minute of 20% sodium hydroxide solution to the scrubber water and/or to the coal being dried to reduce sulfur dioxide emissions. C.S.R. 45-13 Permit No. R13-2183G~~D~~, Specific Requirement A.3., September 8, 2004 ~~Draft~~. ***Thermal Dryer****: TD1*.

~~xxv.~~

xvii. Emissions from the thermal dryer shall not exceed the following hourly and annual limits:

Pollutant	Emissions Limitations	
	One-Hour Average (lb/hour)	Annual (ton/year)
Volatile Organic Compounds (VOCs)	41.3	146
SO_2	50.3	178
NO_x	93.9	332
CO	50.3	178
Particulate Matter (PM)	77.0	272

C.S.R. 45-13 Permit No. R13-2183G~~D~~, Specific Requirement A.4., September 8, 2004 ~~Draft~~. ***Thermal Dryer****: TD1*.

~~xxvi.~~

xxviii. Scrubber water flow shall be maintained at a minimum of 2,240 gpm. The scrubber water system shall receive clean water from the clarifier water sump, and shall discharge dirty water to the clarifier centerwell for solids removal. Pressure drop across the scrubber shall be adjusted as required to control particulate matter emissions. Alkaline agents may be added to the scrubber water or to the coal being dried to control sulfur dioxide emissions. C.S.R. 45-13 Permit No. R13-2183G~~D~~, Specific Requirement A.5., September 8, 2004 ~~Draft~~. ***Thermal Dryer****: TD1*.

~~xxvii.~~

xxix. In accordance with the information filed, the following processing limits shall not be exceeded:

Type of Material and Location Where Processed	Maximum Amount to be Processed (TPY)
Raw coal feed from No. 50 Mine to Scalping Screen (SS-1).	7,000,000
~~Raw coal feed to Dump Hopper (DHOS-2) for 200 ton/hr Screening Machine (OSS-1).~~	~~1,000,000~~
Raw coal feed to Wet Wash Circuit/Preparation Plant (1,500 ton/hr * 7,083 hr/yr).	10,630,000
Feed coal from Wash Circuit to Thermal Dryer (800 ton/hr * 7,083 hr/yr).	5,670,000
Synthetic fuel From DTE Smith Branch's Facility to ~~U.S. Steel~~ Pinnacle Mining's Conveyor RC-5 (309 ton/hr * 8,760 hr/yr).	3,000,000
Clean coal/Synfuel from Loading Bin ST-6 to railroad cars	8,100,000
~~Clean coal/Synfuel from Loading Bin ST-6 to truck loadout~~	~~100,000~~

C.S.R. 45-13 Permit No. R13-2183~~GD~~, Specific Requirement A.6., September 8, 2004 ~~Draft~~. SS-1, ~~OSS-1,~~ C45,C100,Syn Fuel to RC-5, ST-6

~~xxviii.~~

xxx. In accordance with the information filed, the following storage and truck delivery limits shall not be exceeded:

Stockpile/Bin ID No.	**Material Stored**	**Maximum in Storage (tons)**	**Maximum to be Delivered (tons)[1]**
Stockpile OS-1	raw coal	631,000	250,000
Stockpile ST-2	raw coal	77,000	180,000
Storage Bin ST-10	raw coal	≃ 50	~~1,000,000~~[~~2,4~~] 550,000[2, 3]
Stockpile ST-11	raw coal	1,106,000	100,000[~~43~~]
Stockpile ST-12	refuse	26,000	-----
Stockpile ST-13	clean or raw coal	514,000	360,000[5] ~~150,000~~
Stockpile ST-14	raw coal	54,000	750,000
Stockpile ST-15	clean or raw coal	1,500	300,000

(1) Maximum quantity of coal to be delivered via trucks by other suppliers from outside sources.
(2) Less the amount delivered directly to Stockpile ST-2.
(3) Up to 250,000 TPY of the 550,000 TPY will pass over the truck scale near the refuse road. ~~Less the amount transferred from other stockpiles.~~
(4) Less the amount transferred from other stockpiles. ~~Up to 700,000 tons per year of the 1,000,000 tons per year will pass over the truck scale located near the refuse road.~~
(5) Up to 360,000 TPY combined may be received at or shipped from ST-13 by truck.

(6) The sum of coal trucked to Storage Pit ST-10 via the truck scale and the coal trucked to Stockpile ST-14k shall not exceed 1.0 million TPY.

C.S.R. 45-13 Permit No. R13-2183GD, Specific Requirement A.7., September 8, 2004 ~~Draft~~. OS-1, ST-2, ST-10, ST-11, ST-12, ST-13, ST-14 & ST-15.

~~xxix.~~

xxxi. In accordance with the information filed, the following transfer limits between coal storage areas shall not be exceeded:

Originating Stockpile ID No.	Maximum Amount to be Transferred to Stockpiles Listed Below (TPY)[1]						
	OS-1	ST-2	ST-10	ST-11	ST-13	ST-14	ST-15
OS-1	-----	100,000	350,000	100,000	100,000	100,000	100,000
ST-2	100,000	-----	280,000[3]	100,000	100,000	100,000	100,000
ST-10	0	0	-----	0	0	0	0
ST-11	100,000	100,000	100,000	-----	100,000	100,000	100,000
ST-13	100,000	100,000	100,000	100,000	-----	100,000	100,000
ST-14	100,000	100,000	100,000	100,000	100,000	-----	100,000
ST-15	100,000	100,000	100,000	100,000	100,000	100,000	-----
All Areas[2]	100,000	100,000	530,000	100,000	100,000	100,000	100,000

(1) The quantities to be received for any single storage area are not additive.
(2) The last row summarizes the maximum amount that could be transferred to each storage area from all other storage areas.
(3) The permittee ~~USM~~ has the option to alternatively load up to 180,000 tpy into a railcar at ST-2 in lieu of transferring it to ST-10.

C.S.R. 45-13 Permit No. R13-2183GD, Specific Requirement A.8, September 8, 2004 ~~Draft~~. OS-1, ST-2, ST-10, ST-11, ST-13, ST-14, ST-15.

~~xxx.~~

xxxii. Compliance with all annual throughput limits shall be determined using a twelve month rolling total. A twelve-month rolling total shall mean the sum of the amount of coal received, processed, stored, or shipped at any given time for the previous twelve (12) consecutive calendar months. These records shall be maintained on site for a period of no less than five (5) years. C.S.R. 45-30-5.1.c.
C.S.R. 45-13 Permit No. R13-2183GD, Specific Requirement A.9, September 8, 2004 ~~Draft~~. *Facility-wide*

~~xxxi.~~

xxxiii. In accordance with the information filed, the methods of control specified in Section III A shall be installed, maintained, and operated so as to minimize the emission of particulate matter (PM) and

particulate matter less than ten microns in diameter (PM_{10}). C.S.R. 45-13 Permit No. R13-2183GD, Specific Requirement A.10, September 8, 2004 Draft. *Facility-wide*

~~xxxii.~~

xxxiv. In accordance with the information filed in permit determination PD02-019, the permittee shall remove coal from stockpile ST-9 and stop using the area for coal storage. Dump Hopper DHRC-3 shall be removed from service but will not be physically removed from the facility. C.S.R. 45-13 Permit Determination PD02-019. Permit No. R13-2183GD, Specific Requirement A.11, September 8, 2004 ~~Draft~~.

~~xxxiii.~~

xxxv. The permittee shall maintain a water truck on site and in good operating condition, and shall utilize same to apply water, or a mixture of water and an environmentally acceptable dust control additive, hereinafter referred to as solution, as often as is necessary in order to minimize the atmospheric entrainment of fugitive particulate emissions that may be generated from haulroads and other work areas where mobile equipment is used.

The spraybar shall be equipped with commercially available spray nozzles, of sufficient size and number, so as to provide adequate coverage to the surface being treated.

The pump delivering the water or solution shall be of sufficient size and capacity so as to be capable of delivering to the spray nozzle(s) an adequate quantity of water, or solution, and at a sufficient pressure. C.S.R. 45-13 Permit No. R13-2183GD, Specific Requirement A.12, September 8, 2004 ~~Draft~~. *Facility-wide*

~~xxxiv.~~

xxxvi. The permittee shall maintain and operate a vacuum truck along the paved entrance(s) to Stockpile OS-1 at all times during which truck traffic is present, either receiving or shipping coal. C.S.R. 45-13 Permit No. R13-2183GD, Specific Requirement A.13, September 8, 2004 ~~Draft.~~ *OS-1*

xxxvii. Screen OSS-1 (including associated Dump Hopper DHOS-2) and Conveyors (OSC-1, OSC-2, and OSC-3) used to screen coal from Stockpile OS-1 before it is trucked to Storage Pit ST-10 are to be disconnected and removed from active service. C.S.R. 45-13 Permit No. R13-2183G, Specific Requirement A.14, September 8, 2004. *OSS-1, DHOS-2, OSC-1, OSC-2, OSC-3.*

xxxviii. The sum of coal trucked to Storage Pit ST-10 via the truck

scale and the coal trucked to Stockpile ST-14 shall not exceed 1.0 million tons per year. C.S.R. 45-13 Permit No. R13-2183G, Specific Requirement A.15, September 8, 2004. *ST-10, ST-14.*

~~xxxv.~~

xxxix. All thermal dryer scrubber malfunctions must be documented in writing. Records shall be certified by a "responsible official" and maintained on site for a period of not less than five (5) years and shall be made available to the Secretary or his or her duly authorized representative upon request. At a minimum, the following information must be documented for each malfunction:

- Cause of malfunction.
- Steps taken to:
  - correct the malfunction.
  - minimize emissions during malfunction.
- Duration of malfunction in hours.
- Estimated increase in emissions during the malfunction.
- Any change/modifications to equipment or procedures that would help prevent future recurrence of malfunction.

C.S.R. 45-13 Permit No. R13-2183G~~D~~, Specific Requirement B.1, September 8, 2004**.** *Thermal Dryer, TD1*

~~xxxvi. For the purpose of determining compliance with the maximum throughput limits set forth in paragraphs xxvii, xxviii & xxix of this section, the permittee shall maintain on site certified monthly and annual records of the raw coal, clean coal, and synfuel transfer rates and the hours of operation of screening machine OSS-1 in accordance with the example data forms provided as Attachments A through C. Records shall be certified by a "responsible official" and maintained on site for a period of not less than five (5) years and shall be made available to the Secretary or his or her duly authorized representative upon request.~~

~~C.S.R. 45-13 Permit No. R13-2183FD, Specific Requirement B.6, Draft, *SS-1,OSS-1,C45, C100, Synfuel to RC-5, ST-6, OS-1, ST-2, ST-10. ST-11, ST-13 , ST-14 & ST-15.*~~

b. ENFORCEABLE BY DAQ ONLY

~~i. In order to prevent and control air pollution from coal refuse disposal areas, the operation of coal refuse disposal areas shall be conducted in accordance with the standards established by the following: C.S.R. 45-5-7.1. (effective date August 31, 2000). *Refuse Area, Refuse*~~

~~*stockpile, ST-12.*~~

~~(a) Coal refuse is not to be deposited on any coal refuse disposal area unless the coal refuse is deposited in such a manner as to minimize the possibility of ignition of the coal refuse. C.S.R. 45-5-7.2. (effective date August 31, 2000). *Refuse Area, Refuse stockpile* ST-12.~~

~~(c) Coal refuse disposal areas shall not be so located with respect to mine openings, tipples, or other mine buildings, unprotected coal outcrops or steam lines, that these external factors will contribute to the ignition of the coal refuse on such coal refuse disposal areas. C.S.R. 45-5-7.3. (effective date August 31, 2000). *Refuse Area, Refuse stockpile, ST-12.*~~

~~(c) Vegetation and combustible materials shall not be left on the ground at the site where a coal refuse pile is to be established, unless it is rendered inert before coal refuse is deposited on such site. C.S.R. 45-5-7.4. (effective date January 1, 1995). *Refuse Area, Refuse stockpile, ST-12*.~~

~~(d) Coal refuse shall not be dumped or deposited on a coal refuse pile known to be burning, except for the purpose of controlling the fire or where the additional coal refuse will not tend to ignite or where such dumping will not result in statutory air pollution. C.S.R. 45-5-7.5. (effective date August 31, 2000). *Refuse Area, Refuse stockpile, ST-12*~~

~~(e) Materials with low ignition points used in the production or preparation of coal, including but not limited to wood, brattice cloth, waste paper, rags, oil and grease, shall not be deposited on any coal refuse disposal area or in such proximity as will reasonably contribute to the ignition of a coal refuse disposal area. C.S.R. 45-5-7.6. (effective date August 31, 2000). *Refuse Area, Refuse stockpile, ST-12*~~

~~(f) Garbage, trash, household refuse, and like materials shall not be deposited on or near any coal refuse disposal area. C.S.R. 45-5-7.7. (effective date August 31, 2000). *Refuse Area, Refuse stockpile, ST-12.*~~

~~(h) The deliberate ignition of a coal refuse disposal area or the ignition of any materials on such an area by any person or persons is prohibited. C.S.R. 45-5-7.8. (effective date August 31, 2000). *Refuse Area, Refuse stockpile, ST-12*~~

This permit condition shall become federally enforceable upon the Environmental Protection Agency's approval of this regulation as part of the State Implentation Plan.

ii. Each burning coal refuse disposal area which allegedly causes air pollution shall be investigated by the Secretary in accordance with the following (C.S.R. 45-1-8.1, effective date August 31, 2000). *Refuse Area, Refuse stockpile, ST-12.*

(a) Each coal refuse disposal area which causes air pollution shall be considered on an individual basis by the Secretary. Consistent with the declaration of policy and purpose set forth in section one of Chapter twenty-two, article five of the code of West Virginia, as amended, as well as the established facts and circumstances of the particular case, the Secretary shall determine and may order after a proper hearing the effectuation of those air pollution control measures which are adequate for each such coal refuse disposal area. C.S.R. 45-5-8.2. (effective date August 31, 2000). *Refuse Area, Refuse stockpile, ST-12.*

(b). With respect to all burning coal refuse disposal areas, the person responsible for such coal refuse disposal areas or the land on which such coal refuse disposal areas are located shall use due diligence to control air pollution from such coal refuse disposal areas. Consistent with the declaration of policy and purpose set forth in section one of chapter twenty-two, article five of the code of West Virginia, as amended, the Secretary shall determine what constitutes due diligence with respect to each such burning coal refuse disposal area. When a study of any burning coal refuse disposal area by the Secretary establishes that air pollution exists or may be created, the person responsible for such coal refuse disposal area or the land on which such coal refuse disposal area is located shall submit to the Secretary a report setting forth satisfactory methods and procedures to eliminate, prevent, or reduce such air pollution. The report shall be submitted within such time as the Secretary shall specify. The report for the elimination, prevention or reduction of air pollution shall contain sufficient information, including completion dates, to establish that such program can be executed with due diligence. If approved by the Secretary, the corrective measures and completion dates shall be embodied in a consent order issued pursuant to W.Va. Code 22-5-1 et seq. If such report is not submitted as requested or if the Secretary determines that the methods and procedures set forth in such

~~report are not adequate to reasonably control such air pollution, then a hearing will be held pursuant to the procedures established by W.Va. Code 22-5. C.S.R. 45-5-8.3. (effective date August 31, 2000). *Refuse Area*, *Refuse stockpile*, *ST-12*. This permit condition shall become federally-enforceable upon the Environmental Protection Agency's approval of this regulation as part of the State Implentation Plan.~~

~~Monitoring plans pursuant to subsection 8.2.c shall be submitted to the Secretary within six (6) months of the effective date of this rule. Approval or denial of such plans shall be within twelve (12) months of the effective date of this rule. C.S.R. § 45-10-8.2.c.2. (effective date August 31, 2000). *(Thermal Dryer: (TD1)), Screen Engine (ICE-1).*~~

C. SPECIFIC MONITORING/RECORDKEEPING/REPORTING REQUIREMENTS

1. The permittee shall conduct monitoring/recordkeeping/reporting as follows (C.S.R. 45-30-5.1.c.) [Not required for stockpiles and haulroads – OS1, ST-14, ST-2, ST-11, ST-12, ST-13, PRP, URP]: (NOTE: See Section C.5 to C.7 for Requirements to the Thermal Dryer Unit).

   a. An initial visible emissions evaluation in accordance with 40 C.F.R. 60 Appendix A, Method 9 shall be performed within ninety (90) days of permit issuance for each affected facility with a visible emissions requirement in this permit unless such evaluation was performed within the consecutive 12-month period preceding permit issuance. This initial evaluation shall consist of three 6-minute averages during one consecutive 60 minute period. The initial evaluation shall be conducted for each affected facility during the period of maximum expected visible emissions under normal unit and facility operations. A visible emissions evaluation shall be conducted for each affected facility at least once every consecutive 12-month period in accordance with 40 C.F.R. 60 Appendix A, Method 9. This annual evaluation shall consist of a minimum of 24 consecutive observations for each emission unit.

   b. Each emissions unit with a visible emissions limit contained in this permit shall be observed visually at least each calendar week during periods of normal facility operation for a sufficient time interval to determine if the unit has any visible emissions using 40 C.F.R. 60 Appendix A, Method 22. If visible emissions from any of the emissions units are observed during these weekly observations, or at any other time, that appear to exceed the allowable visible emission requirement for the emission unit, visible emissions evaluations in accordance with 40 C.F.R. 60 Appendix A, Method 9 shall be conducted as soon as practicable, but no later than two weeks from the time of the observation. A Method 9 evaluation shall not be required under condition Section III.C.1.b. if the visible emissions condition is corrected in a timely manner; the emissions unit is operating at normal operating conditions; and, the cause and corrective measures taken are recorded.

   c. If the initial, or any subsequent, visible emissions evaluation indicates visible emissions in excess of the allowable visible emission requirements for a given affected facility, a visible emissions evaluation shall be performed for that unit at least once every consecutive 14-day period in accordance with 40 C.F.R. 60 Appendix A, Method 9. If subsequent visible emissions evaluations indicate visible emissions less than the allowable visible emission requirement

for the affected facility for 3 consecutive evaluation periods, the emission unit may comply with the visible emissions testing requirements of condition III.C.1.b. in lieu of those established in this condition.

d. A record of each visible emissions observation shall be maintained, including any data required by 40 C.F.R. 60 Appendix A, Method 22 or Method 9, whichever is appropriate. The record shall include, at a minimum, the date, time, name of the emission unit, the applicable visible emissions requirement, the results of the observation, and the name of the observer. Records shall be maintained on site for a period of no less than five (5) years stating any maintenance or corrective actions taken as a result of the weekly inspections, and the times the fugitive dust control system(s) are inoperable and any corrective actions taken. C.S.R. 45-30-5.1.c.

2. The permittee shall inspect all fugitive dust control systems weekly to ensure that they are operated and maintained in conformance with their designs. The permittee shall maintain records of all scheduled and non-scheduled maintenance. Records shall be maintained on site for a period of no less than five (5) years stating any maintenance or corrective actions taken as a result of the weekly inspections, and the times the fugitive dust control system(s) are inoperable and any corrective actions taken. C.S.R. 45-30-5.1.c.

3. The permittee shall maintain daily records indicating the use of any dust suppressants or any other suitable dust control measures applied at the facility. These records shall be maintained on site for a period of no less than five (5) years. C.S.R. 45-30-5.1.c.

4. The permittee shall maintain daily records of the coal and coal throughput and the hours of operation of the thermal dryer. A rolling yearly total shall mean the sum of coal throughput at any given time for the previous twelve (12) months. These records shall be maintained on site for a period of no less than five (5) years. C.S.R. 45-30-5.1.c.

5. Within 180 days after the effective date of this permit, the permittee shall conduct a stack test, establish parameter indicator ranges, and furnish the Secretary a written report of the results of such testing and established indicator ranges. The permittee shall use Method 5 or an alternative method approved by the Secretary for such testing. If an alternative testing method were approved which effectively replaces Method 5, a permit revision would be required in accordance with C.S.R. § 45-30-6.4. or C.S.R. § 45-30-6.5 as applicable. Parameter indicator ranges shall be established for the exit temperature of the thermal dryer, water pressure to the control equipment, and the pressure loss of the inlet airflow to the scrubber. The permittee shall establish these indicator ranges and operate within these ranges to provide a

reasonable assurance that the thermal dryer unit is in compliance with opacity and particulate loading limits. The permittee shall take immediate corrective action when a parameter falls outside the indicator range established for that parameter and shall record the cause and corrective measures taken. The permittee shall also record the following parameters during such testing:

a. Opacity readings on the exhaust stack following the procedures of Method 9;
b. Amount of coal burned and the amount of coal dried;
c. Coal drying temperature;
d. Temperature of the gas stream at the exit of the thermal dryer;
e. Flow rate through the dryer and converted to dry standard cubic feet;
f. Water pressure to the control equipment; and
g. Pressure loss of the inlet airflow to the scrubber. The pressure drop will be measured between the inlet airflow to the scrubber and outlet airflow of the scrubber, which is atmospheric loss through the venturi constriction of the control equipment.

These records shall be maintained on site for a period of no less than five (5) years. C.S.R. 45-30-5.1.c.

Subsequent testing to determine compliance with the particulate loading limitations of Section III.B.2.a.xi. shall be conducted in accordance with the schedule set forth in the following table:

Test	Test Results	Testing Frequency
Initial	≤50% of particulate loading limit	Once/5 years
Initial	Between 50% and 90 % of particulate loading limit	Once/3 years
Initial	≥90% of particulate loading limit	Annual

Test	Test Results	Testing Frequency
Annual	If annual testing is required, after two successive tests indicate mass emission rates between 50% and 90 % of particulate loading limit	Once/3 years
Annual	If annual testing is required, after three successive tests indicate mass emission rates ≤50% of particulate loading limit	Once/5 years
Once/3 years	If testing is required once/3 years, after two successive tests indicate mass emission rates ≤50% of particulate loading limit	Once/5 years

Test	Test Results	Testing Frequency
Once/3 years	If testing is required once/3 years and any test indicates a mass emission rate ≥90% of particulate loading limit	Annual
Once/5 years	If testing is required once /5 years and any test indicates mass emission rates between 50% and 90 % of particulate loading limit	Once/3 years
Once/5 years	If testing is required once/5 years and any test indicates a mass emission rate ≥90% of particulate loading limit	Annual

6. The permittee shall conduct monitoring/recordkeeping/reporting for the thermal dryer as follows (C.S.R. 45-30-5.1.c.)

   a. An initial visible emissions evaluation in accordance with 40 C.F.R. 60 Appendix A, Method 9 shall be performed within ninety (90) days of permit issuance for thermal dryer unit(s) with a visible emissions requirement in this permit unless such evaluation was performed within the consecutive 12-month period preceding permit issuance. This initial evaluation shall consist of three 6-minute averages during one consecutive 60 minute period. The initial evaluation shall be conducted at the thermal dryer unit(s) during the period of maximum expected visible emissions under normal unit and facility operations. A visible emissions evaluation shall be conducted for the thermal dryer unit(s) at least once every consecutive 12-month period in accordance with 40 C.F.R. 60 Appendix A, Method 9. This annual evaluation shall consist of a minimum of 24 consecutive observations for the thermal dryer unit(s).

   b. The thermal dryer unit(s) included in this permit shall be observed visually on a daily basis during periods of normal facility operation for a sufficient time interval to determine if the unit has any visible emissions using 40 C.F.R. 60 Appendix A, Method 22. If visible emissions from the thermal dryer unit(s) is observed during these daily observations, or at any other time, that appear to exceed the allowable visible emission requirement for the thermal dryer unit(s), visible emissions evaluations in accordance with 40 C.F.R. 60 Appendix A, Method 9 shall be conducted as soon as practicable, but no later than fourteen (14) days from the time of the observation. A Method 9 evaluation shall not be required under condition Section III.C.8.b. if the visible emissions condition is corrected in a timely manner; the thermal dryer unit(s) is operating at normal operating conditions; and, the cause and corrective measures taken are recorded.

   c. If the initial, or any subsequent, visible emissions evaluation indicates visible emissions in excess of the allowable visible emissions requirement from the thermal dryer unit, a visible emissions

evaluation shall be performed for that unit at least once every consecutive seven (7) day period in accordance with 40 C.F.R. 60 Appendix A, Method 9. If subsequent visible emissions evaluations indicate visible emissions less than the allowable visible emissions requirement for the thermal dryer unit for 3 consecutive evaluation periods, the thermal dryer may comply with the visible emissions testing requirements of condition III.C.8.b. in lieu of those established in this condition.

d. A record of each visible emissions observation shall be maintained, including any data required by 40 C.F.R. 60 Appendix A, Method 22 or Method 9, whichever is appropriate. The record shall include, at a minimum, the date, time, name of the emission unit, the applicable visible emissions requirement, the results of the observation, and the name of the observer, any maintenance and corrective measures taken. Records shall be maintained on site for a period of no less than five (5) years C.S.R. 45-30-5.1.c.

e. If any visible emissions evaluation performed in accordance with 40C.F.R.60 Appendix A, Method 9 indicates a visible emissions observation of twenty percent (20%) or greater, the minimum total time of the observations for that emission unit shall be sixty (60) minutes. This Section e. shall not apply if any visible emissions observation is sixty percent (60%) or greater.

f. The thermal dryer unit(s) included in this permit shall be observed visually during periods of building a fire of operating quality and minimization efforts taken to ensure particulate matter emissions of sixty percent (60 %) opacity for a period of up to 8 minutes in any operating day is not exceeded during such activities.

7. The permittee shall have monitoring devices described in sections III.B.2.(a.xiv., a.xv., and a.xvi.) installed and operating no later than 180 days after the effective date of this permit. Recordkeeping for the monitoring devices shall be recorded at least once every 12 hours during periods of normal operation. These records shall be maintained on site for a period of no less than five (5) years. C.S.R. 45-30-5.1.c.

8. For the purposes of 45CSR4, the permittee shall maintain a record of all odor complaints received. Such record shall be maintained on site five (5) years from the record creation date, containing an assessment of the validity of the complaints as well as any corrective actions taken. C.S.R. § 45-30-5.1.c. (effective date July 1, 2001).

9. For the purpose of determining compliance with the maximum throughput limits set forth in paragraphs III.B.2.a.xxix, xxx & xxxi, the permittee shall

maintain on site certified monthly and annual records of the raw coal, clean coal, and synfuel transfer rates in accordance with the example data forms provided as Attachments A through C. Records shall be certified by a "responsible official" and maintained on site for a period of not less than five (5) years and shall be made available to the Secretary or his or her duly authorized representative upon request. C.S.R. 45-13 Permit No. R13-2183G, Specific Requirement B.6., *SS-1, C45, C100, Synfuel to RC-5, ST-6, OS-1, ST-2, ST-10. ST-11, ST-13 , ST-14 & ST-15.*

D. PERMIT SHIELD

1. The permittee has requested and is hereby granted a permit shield in accordance with C.S.R. 45-30-5.6. The permit shield applies as long as the permittee operates in accordance with the information contained within this permit.

2. The list below identifies requirements, which are not applicable to the permittee and the determinations thereof. So long as the permittee operates within the constraints of these determinations, the permit shield shall apply to the provisions of the table. None

3. Compliance with the conditions of this permit shall be deemed compliance with the corresponding applicable requirements as of the date of permit issuance and/or that the requirements specifically identified are not applicable to the permittee as of the date of permit issuance. C.S.R. 45-30-5.6.a.

E. LIMITS ON OPERATION

N/A

F. COMPLIANCE PLAN

N/A

Attachment A - Example Data Form

MONTHLY PROCESSING RATE REPORT [1]

~~U.S. Steel~~ Pinnacle Mining Company, LLC
Pinnacle Preparation Plant
Permit No. R13-2183~~GD~~
Plant ID No. 10900006

Month, Year: _____/

Day Of Month	Raw Coal			Clean Coal			Synfuel
	No. 50 Mine (Ton/Day)	~~Screening Machine OSS-1 (Hrs/Day)~~	Wet Wash Preparation Plant (Ton/Day)	Thermal Dryer Circuit	Loaded to Railroad Car	Loaded from ST-13 to Truck	Synfuel to Conveyor RC-5 (Ton/Day)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
Total –ton/month							
Twelve Month Rolling Total[2]							

Note: (1) The CERTIFICATION OF DATA ACCURACY statement appearing on the reverse side shall be completed within fifteen (15) days of the end of the reporting period. All records shall be kept on site for a period of no less than five (5) years and shall be made available to the Secretary or his or her duly authorized representative upon request.

(2) The Twelve Month Rolling Total shall mean the sum of the amount of coal received, processed, or shipped at any given time during the previous twelve (12) consecutive calendar months. The maximum permitted throughput and operation rates shall not exceed the values listed in III.B.2.a.xxix. ~~are: Raw Coal from No. 50 Mine - 7.0 MM TPY, Hours of Operation of Screening Machine OSS-1 - 5,000 hrs/yr, Raw Coal to Wet Wash Prep Plant -10.63 MM TPY, Clean Coal to Thermal Dryer - 5.67 TPY, Clean Coal/Synfuel to Railroad Cars - 8.1 MM TPY, Clean Coal/Synfuel to Trucks - 100,000 TPY, Synfuel to Conveyor RC-5 - 3,000,000 TPY.~~

Attachment B - Example Data Form

MONTHLY DELIVERY RATE REPORT FROM OUTSIDE SUPPLIERS [1]

~~U.S. Steel~~ Pinnacle Mining Company, LLC
Pinnacle Preparation Plant
Permit No. R13-2183G~~D~~
Plant ID No. 10900006

Month, Year: _____/

Day of Month	Delivered To Stockpile:	Amount Delivered (tons)	Twelve Month Rolling Total[2]
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			

Note: (1) The CERTIFICATION OF DATA ACCURACY statement appearing on the reverse side shall be completed within fifteen (15) days of the end of the reporting period. All records shall be kept on site for a period of no less than five (5) years and shall be made available to the Secretary or his or her duly authorized representative upon request.

(2) The Twelve Month Rolling Total shall mean the sum of the amount of coal received, processed, or shipped at any given time during the previous twelve (12) consecutive calendar months. The maximum permitted delivery rates shall not exceed the values listed in III.B.2.a.xxx. ~~xxviii.~~

Attachment C - Example Data Form

MONTHLY TRANSFER RATE REPORT [1]

~~U.S. Steel~~ Pinnacle Mining Company, LLC
Pinnacle Preparation Plant
Permit No. R13-2183G~~D~~
Plant ID No. 10900006

Month, Year: _____/

Day of Month	Transferred From Stockpile:	Transferrred To Stockpile:	Amount Transferred (tons)	Twelve Month Rolling Total[2]
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				

Note: (1) The CERTIFICATION OF DATA ACCURACY statement appearing on the reverse side shall be completed within fifteen (15) days of the end of the reporting period. All records shall be kept on site for a period of no less than five (5) years and shall be made available to the Secretary or his or her duly authorized representative upon request.

(2) The Twelve Month Rolling Total shall mean the sum of the amount of coal transferred at any given time during the previous twelve (12) consecutive calendar months. The maximum permitted transfer rates shall not exceed the values listed in iii.B.2.a.xxxi. ~~xxix~~.

APPENDIX

List of Abbreviations

CAAA	Clean Air Act Amendments
CBI	Confidential Business Information
CEM	Continuous Emission Monitor
CES	Certified Emission Statement
C.F.R. or CFR	Code of Federal Regulations
CO	Carbon Monoxide
C.S.R. or CSR	Code of State Regulations
DEP	Division of Environmental Protection
FOIA	Freedom of Information Act
HAP	Hazardous Air Pollutant
HON	Hazardous Organic NESHAP
HP	Horsepower
lbs/hr	Pounds per Hour
LDAR	Leak Detection and Repair
M	Thousand
MACT	Maximum Achievable Control Technology
MM	Million
MMBtu/hr	Million British Thermal Units per Hour
MMCF/hr	Million Cubic Feet Burned per Hour
NA	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAPS	National Emissions Standards for Hazardous Air Pollutants
NO_x	Nitrogen Oxides
NSPS	New Source Performance Standards
DAQ	Division of Environmental Protection - Office of Air Quality
PM	Particulate Matter
PM_{10}	Particulate Matter less than 10 m in diameter
pph	Pounds per Hour
ppm	Parts per Million
PSD	Prevention of Significant Deterioration
psi	Pounds per Square Inch
SIC	Standard Industrial Classification
SIP	State Implementation Plan
SO_2	Sulfur Dioxide
TAP	Toxic Air Pollutant
TPY	Tons per Year
TRS	Total Reduced Sulfur
TSP	Total Suspended Particulate
USEPA	United States Environmental Protection Agency
UTM	Universal Transverse Mercator
VEE	Visual Emissions Evaluation
VOC	Volatile Organic Compounds

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